

300 E. Mineral Ave., Suite 10 Littleton, CO 80122-2631 303/781-8211 303/781-1167 Fax

May 9, 2005

Fluid Minerals Group Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc. HCU 13-33F, Surface Location: 1,214' FSL & 356' FWL, SW/4 SW/4, Target Location: 700' FSL & 800' FWL, SW/4 SW/4, Section 33, T10S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced directional well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan with Directional Drilling Proposal;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

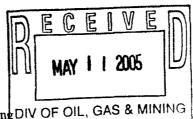
Don Hamilton

Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining DIV OF OIL, GAS & MINING

Carla Christian, Dominion

Marty Buys, Buys & Associates, Inc.



FILE COPY CONFIDENTIAL

Form 3160-3 (December 1990)

UNITED STATES

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Form approved.

Budget Bureau No. 1004-0136 Expires: December 31, 1991

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	IN ABOVE SPACE pertinent data on subsurface	DESCRIBE PRO	POSED P	ROGRAM: If proposa	l is to dec	epen, give data pres or program, if any.	sent produ	•			e. If proposal is to drill or deepen dire	ctionally, give
	Γ	n Hamil	lon Do	on Hamilton T	ITLE	Agent fo	or Don	ninion		D	May 9, 2005	

43-047-36485 APPROVAL DATE Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. BRADLEY G. HILL TITLE ENVIRONMENTAL SCIENTIST III APPROVED BY

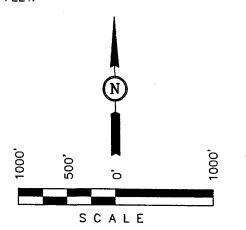
T10S, R20E, S.L.B.&M. 1928 Brass Cap Pile of Stones S89°09'00"W - 2630.14' (Meas.) S89'11'09"W - 2631.49' (Meas.) 1928 Brass Cap 1928 Brass Cap 0.8' High, Pile Pile of Stones of Stones 2658.47' (Meas. VO3'32'29"E 1928 Brass Cap Pile of Stones 1928 Brass Cap 0.8' High, Pile of Stones Ġ HCU #13-33F Elev. Ungraded Ground = 5322' Bottom Hole 1928 Brass Cap 1928 Brass Cap 0.4' High, E-W 1.3' High, Pile Fenceline, Set A.P., Set Stone. T10S Marked Stone of Stones Pile of Stones S89'58'51"W - 2619.67' (Meas.) S8677'49"W -S89°51'17"W -1318.46' (Meas.) 1532.82' (Meas.) 1928 Brass Cap BASIS OF BEARINGS Pile of Stones BASIS OF BEARINGS IS A G.P.S. OBSERVATION. (NAD 83) LEGEND: LATITUDE = 39.53'59'03'' (39.899731) 90° SYMBOL LONGITUDE = $109^{\circ}40'43.22"$ (109.678672) (NAD 27) PROPOSED WELL HEAD. LATITUDE = 39.53.59.16" (39.899767) SECTION CORNERS LOCATED. LONGITUDE = 109'40'40.73" (109.677981)

DOMINION EXPLR. & PROD., INC.

Well location, HCU #13-33F, located as shown in the SW 1/4 SW 1/4 of Section 33, T10S, R20E, S.L.B.&M. Uintah County Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR REGISTRATION NO. 181319 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 3-7-05	DATE DRAWN: 3-16-05
PARTY N.H. A.S. K.G.	REFERENCES G.L.O. PLA	AT .
WEATHER COOL	FILE DOMINION EXP	LR. & PROD., INC

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

HCU 13-33F

SHL: 1214° FSL & 356° FWL Section 33-10S-20E BHL: 700° FSL & 800° FWL Section 33-10S-20E

Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,540°
Uteland Limestone	3,910'
Wasatch	4,070°
Chapita Wells	4,990'
Uteland Buttes	6,215'
Mesaverde	7,140'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,540'	Oil
Uteland Limestone	3,910'	Oil
Wasatch	4,070'	Gas
Chapita Wells	4,990'	Gas
Uteland Buttes	6,215	Gas
Mesaverde	7,140	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	<u>Size</u>	Weight	<u>Grade</u>	Conn.	Top	Bottom	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0,	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0,	2,800	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0,	8,000'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

<u>Production hole</u>: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

Depths	Mud Weight (ppg)	Mud System
0' - 500'	8.4	Air foam mist, no pressure control
500' - 2,800'	8.6	Fresh water, rotating head and diverter
2.800' - 8.000'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East



DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl2 and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

- **Intermediate Casing Cement:**
 - Drill 12-1/4" hole to 2,800'+, run and cement 9-5/8" to surface.
 - Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
 - Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
 - Cement to surface not required due to surface casing set deeper than normal.

					<u>Hole</u>	<u>Cement</u>	
Type	Sacks	Interval	Density	<u>Yield</u>	<u>Volume</u>	<u>Volume</u>	Excess
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	658 CF	1,152 CF	75%
Tail	390	2.000'-2.800'	15.6 ppg	1.20 CFS	268 CF	469 CF	75%

Lead Mix:

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry weight:

Slurry yield:

3.82 cf/sack

22.95 gal/sack

Water requirement:

Compressives (a) 130°F: 157 psi after 24 hours

Tail Mix:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.

1 hr. 5 min. (a) 90 °F. Pump Time: Compressives @ 95 °F: 24 Hour is 4,700 psi

- c. Production Casing Cement:
 - Drill 7-7/8" hole to 8,000'±, run and cement 5 1/2".
 - Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
 - Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
 - Displace with 3% KCL.

					Hole	Cement	
Type	Sacks	Interval	Density	<u>Yield</u>	<u>Volume</u>	<u>Volume</u>	Excess
Lead	90	3,7 00'-4,5 00'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4.500'-8.000'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

Note: Caliper will be run to determine exact cement volume.

Lead Mix:

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7. 3.12 cf/sack

11.60 #/gal. Slurry weight:

Slurry yield: Water requirement:

17.71 gal/sack

Compressives @ 130°F: 157 psi after 24 hours

Tail Mix:

Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5.

Slurry yield:

1.75 cf/sack

Slurry weight:

13.00 #/gal.

11.00 #/gal.

9.09 gal/sack

Water requirement:

Compressives (a), 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date:

September 15, 2005

Duration:

14 Days



0° 0 MD Start Hold

0° 550 MD Start Build 3.00

12° 963 MD Start Hold

9 5/8"

12" 3519 MD Start Drop -2.00

0° 4137 MD Start Hold

n Tongue

0' 8067 MD TD

1000

Vertical Section at 141.12* [1000ft/in]

592

13 3/8"

550

1000

2000

3000

True Vertical Depth [1000ft/in]

5000

6000

7000

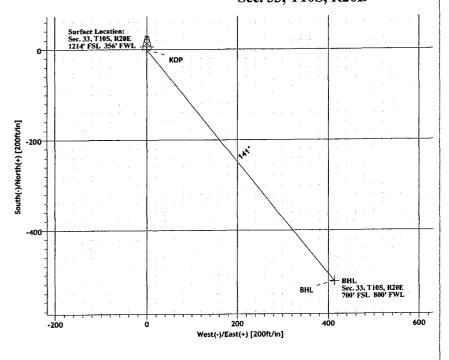
8000

800

Plan #1

Dominion E & P

Well: HCU 13-33F Field: Hill Creek Unit Uintah Co. Utah Sec. 33, T10S, R20E



SECTION DETAILS

Sec	MD	Inc	Λzi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Targe
	0.00	0.00	141.12	0.00	0.00	0.00	0.00	0.00	0.00	
ż	550.00	0.00	141.12	550.00	0.00	0.00	0.00	141.12	0.00	
3	962.53	12.38	141.12	959.33	-34,55	27.86	3.00	141.12	44.38	
4	3518.60	12.38	141.12	3456.00	-461.03	371.71	0.00	0.00	592.21	
5	4137,40	0.00	141.12	4070.00	-512.86	413.49	2.00	180.00	658.79	
6	8067.40	0.00	141.12	8000.00	-512.86	413.49	0.00	141.12	658.79	

WELL DETAILS

141.12°

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 13-33F	0.00	0.00	7137417.25	2151348.52	39°53'59.030N	109°40'43.220W	N/A

FORMATION TOP DETAILS

No. TVDPath MDPath Formation

1	3540.00	3604.33	Wasatch Tongue
2	3910.00	3977.32	Uteland Limestone
3	4070.00	4137.40	Wasatch
4	4990.00	5057.40	Chapita Wells
5	6215.00	6282.40	Uteland Buttes
6	7140.00	7207.40	Mesaverde

WELLPATH DETAILS

0.00

0.00

REFERENCE INFORMATION

Co-ordinate (N/E) Reference:
Vertical (TVD) Reference:
Section (VS) Reference:
Stie Centre HCU 13-33F, True North
est.KB@5340' 0.00
Section (VS) Reference:
Stic Centre (0.00N.0.00E)
Measured Depth Reference:
Calculation Method:
Minimum Curvature



Azimuths to True North Magnetic North: 11.91°

0.00

Magnetic Field Strength: 52910nT Dip Angle: 65.91° Date: 4/29/2005 Model: igrf2005

FIELD DETAILS

Natural Buttes Field Uintah County, Utah USA

Geodetic System: US State Plane Coordinate System 1983 Ellipsoid: GRS 1980 Zone: Utah, Central Zone Magnetic Model: igrf2005

System Datum: Mean Sea Level

SITE DETAILS

HCU 13-33F Hill Creek Unit Sec. 33, T10S, R20E

Site Centre Latitude: 39°53'59.030N Longitude: 109°40'43.220W

Ground Level: 5322.00 Positional Uncertainty: 0.00 Convergence: 1.17





Page:

Company: Dominion E & P

Natural Buttes Field Field: HCU 13-33F Site:

Well: HCU 13-33F Wellpath: 1

Date: 4/29/2005

Time: 07:30:05

Co-ordinate(NE) Referencite: HCU 13-33F, True North

Vertical (TVD) Reference est. KB@5340' 0.0

Section (VS) Reference: Site (0.00N,0.00E,141.12Azi)

Plan #1

Field:

Natural Buttes Field

Uintah County, Utah

USA

Map SystemUS State Plane Coordinate System 1983

Geo Datum GRS 1980 Sys Datum: Mean Sea Level Map Zone:

Utah, Central Zone

Site Centre Coordinate System:

igrf2005 Geomagnetic Model:

Site:

HCU 13-33F Hill Creek Unit

Sec. 33, T10S, R20E

Site Position: Geographic From:

Northing: 7137417.25 ft Easting: 2151348.52 ft

Latitude: Longitude:

39 53 59.030 N 109 40 43.220 W

Position Uncertainty:

Surface Position: +N/-S

0.00 ft

North Reference:

True

Ground Level:

5322.00 ft

Grid Convergence:

1.17 deg

Well:

HCU 13-33F

0.00 ft 0.00 ft

Northing: 7137417.25 ft Easting: 2151348.52 ft

Latitude: Longitude:

Slot Name:

39 53 59.030 N 109 40 43.220 W

0.00 ft Position Uncertainty: 0.00 ft

Reference Point: +N/-S +E/-W 0.00 ft Northing: 7137417.25 ft Easting: 2151348.52 ft Easting:

Latitude: Longitude: Inclination:

59.030 N 39 53 40 43.220 W

Measured Depth: 0.00 ft Vertical Depth: 0.00 ft Azimuth: 0.00 deg 0.00 deg

Wellpath: 1

Field Strength:

Current Datum: est.KB@5340 Magnetic Data: 4/29/2005

52910 nT

Vertical Section: Depth From (TVD)

0.00

0.00 ft Height

+N/-S

ft

0.00

Tie-on Depth: Above System Datum: Mean Sea Level Declination:

Drilled From:

0.00 ft 11.91 deg 65.91 deg

Well Ref. Point

Mag Dip Angle: +E/-W

ft

0.00

Direction deg

Plan:

Plan #1

Date Composed:

4/29/2005

141.12

Principal: No

Version: Tied-to:

From Well Ref. Point

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100	Build ft deg/1001	Turn t deg/100f	TFO t deg	Target
0.00	0.00	141.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	141.12	550.00	0.00	0.00	0.00	0.00	0.00	141.12	
962.53	12.38	141.12	959.33	-34.55	27.86	3.00	3.00	0.00	141.12	
3518.60	12.38	141.12	3456.00	-461.03	371.71	0.00	0.00	0.00	0.00	
4137.40	0.00	141.12	4070.00	-512.86	413.49	2.00	-2.00	0.00	180.00	
8067.40	0.00	141.12	00.0008	-512.86	413.49	0.00	0.00	0.00	141.12	

Section 1: Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100f	Build t deg/100f	Turn t deg/100ft	TFO deg	
0.00	0.00	141.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	141.12	100.00	0.00	0.00	0.00	0.00	0.00	0.00	141.12	
200.00	0.00	141.12	200.00	0.00	0.00	0.00	0.00	0.00	0.00	141.12	
300.00	0.00	141.12	300.00	0.00	0.00	0.00	0.00	0.00	0.00	141.12	
400.00	0.00	141.12	400.00	0.00	0.00	0.00	0.00	0.00	0.00	141.12	
500.00	0.00	141.12	500.00	0.00	0.00	0.00	0.00	0.00	0.00	141.12	
550.00	0.00	141.12	550.00	0.00	0.00	0.00	0.00	0.00	0.00	141.12	

Section 2 - Start Build 3 00

Secti	1VH 2 .	. Clart Du	na 0.00									
	MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100t	Build t deg/100	Turn ft deg/100ft	TFO deg	
	0.00	1.50 4.50	141.12 141.12	599.99 699.85	-0.51 -4.58	0.41 3.70	0.65 5.89	3.00 3.00	3.00 3.00	0.00 0.00	0.00 0.00	





Page:

Company: Dominion E & P

Field: Natural Buttes Field

HCU 13-33F Site: HCU 13-33F Well:

Wellpath: 1

Date: 4/29/2005 Time: 07:30:05 Co-ordinate(NE) Referencite: HCU 13-33F, True North

Vertical (TVD) Referencesst.KB@5340' 0.0 Section (VS) Reference: Site (0.00N,0.00E,141.12Azi)

Section 2: Start Build 3.00

MD	Incl	Azim	TVÐ	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO	
ft	deg	deg	ft	ft	ft	ft	deg/100f	t deg/1001	ft deg/100ft	deg	
800.00	7.50	141.12	799.29	-12.72	10.26	16.34	3.00	3.00	0.00	0.00	
900.00	10.50	141.12	898.04	-24.90	20.07	31.98	3.00	3.00	0.00	0.00	
962.53	12.38	141.12	959.33	-34.55	27.86	44.38	3.00	3.00	0.00	0.00	

Section 3: Start Hold

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO	
ft	deg	deg	ft.	ft	ft	ft	deg/100	t deg/100	ft deg/100ft	deg	
1000.00	12.38	141.12	995.93	-40.80	32.90	52.41	0.00	0.00	0.00	0.00	
1100.00	12.38	141.12	1093.61	-57.49	46.35	73.84	0.00	0.00	0.00	0.00	
1200.00	12.38	141.12	1191.28	-74.17	59.80	95.28	0.00	0.00	0.00	0.00	
1300.00	12.38	141.12	1288.96	-90.86	73.25	116.71	0.00	0.00	0.00	0.00	
1400.00	12.38	141.12	1386.63	-107.54	86.71	138.14	0.00	0.00	0.00	0.00	
1500.00	12.38	141.12	1484.31	-124.23	100.16	159.57	0.00	0.00	0.00	0.00	
1600.00	12.38	141.12	1581.99	-140.91	113.61	181.01	0.00	0.00	0.00	0.00	
1700.00	12.38	141.12	1679.66	-157.60	127.06	202.44	0.00	0.00	0.00	0.00	
1800.00	12.38	141.12	1777.34	-174.28	140.51	223.87	0.00	0.00	0.00	0.00	
1900.00	12.38	141.12	1875.01	-190.97	153.97	245.31	0.00	0.00	0.00	0.00	
2000.00	12.38	141.12	1972.69	-207.65	167.42	266.74	0.00	0.00	0.00	0.00	
2100.00	12.38	141.12	2070.37	-224.34	180.87	288.17	0.00	0.00	0.00	0.00	
2200.00	12.38	141.12	2168.04	-241.02	194.32	309.60	0.00	0.00	0.00	0.00	
2300.00	12.38	141.12	2265.72	-257.71	207.78	331.04	0.00	0.00	0.00	0.00	
2400.00	12.38	141.12	2363.40	-274.39	221.23	352.47	0.00	0.00	0.00	0.00	
2500.00	12.38	141.12	2461.07	-291.08	234.68	373.90	0.00	0.00	0.00	0.00	
2600.00	12.38	141.12	2558.75	-307.76	248.13	395.33	0.00	0.00	0.00	0.00	
2700.00	12.38	141.12	2656.42	-324.45	261.59	416.77	0.00	0.00	0.00	0.00	
2800.00	12.38	141.12	2754.10	-341.13	275.04	438.20	0.00	0.00	0.00	0.00	
2900.00	12.38	141.12	2851.78	-357.82	288.49	459.63	0.00	0.00	0.00	0.00	
3000.00	12.38	141.12	2949.45	-374.51	301.94	481.06	0.00	0.00	0.00	0.00	
3100.00	12.38	141.12	3047.13	-391.19	315.39	502.50	0.00	0.00	0.00	0.00	
3200.00	12.38	141.12	3144.81	-407.88	328.85	523.93	0.00	0.00	0.00	0.00	
3300.00	12.38	141.12	3242.48	-424.56	342.30	545.36	0.00	0.00	0.00	0.00	
3400.00	12.38	141.12	3340.16	-441.25	355.75	566.80	0.00	0.00	0.00	0.00	
3500.00	12.38	141.12	3437.83	-457.93	369.20	588.23	0.00	0.00	0.00	0.00	
3518.60	12.38	141.12	3456.00	-461.03	371.71	592.21	0.00	0.00	0.00	0.00	

Section 4: Start Drop -2.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100t	Build t deg/100	Turn ft deg/100	TFO ft deg	
3600.00	10.75	141.12	3535.75	-473.74	381.95	608.53	2.00	-2.00	0.00	180.00	
3604.33	10.66	141.12	3540.00	-474.36	382.45	609.33	2.00	-2.00	0.00	-180.00	
3700.00	8.75	141.12	3634.30	-486.92	392.57	625.46	2.00	-2.00	0.00	180.00	
3800.00	6.75	141.12	3733.38	-497.41	401.03	638.94	2.00	-2.00	0.00	180.00	
3900.00	4.75	141.12	3832.87	-505.21	407.32	648.96	2.00	-2.00	0.00	180.00	
3977.32	3.20	141.12	3910.00	-509.38	410.68	654.31	2.00	-2.00	0.00	-180.00	
4000.00	2.75	141.12	3932.65	-510.30	411.42	655.49	2.00	-2.00	0.00	180.00	
4100.00	0.75	141.12	4032.60	-512.67	413.34	658.54	2.00	-2.00	0.00	180.00	
4137.40	0.00	141.12	4070.00	-512.86	413.49	658.79	2.00	-2.00	0.00	-180.00	

Section 5: Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100f	Build t deg/100f	Turn t deg/100ft	TFO deg	
4200.00	0.00	141.12	4132.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
4300.00	0.00	141.12	4232.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
4400.00	0.00	141.12	4332.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
4500.00	0.00	141.12	4432.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
4600.00	0.00	141.12	4532.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
4700.00	0.00	141.12	4632.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
4800.00	0.00	141.12	4732.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
4900.00	0.00	141.12	4832.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
5000.00	0.00	141.12	4932.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
5057.40	0.00	141.12	4990.00	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	





Page:

Company: Dominion E & P

Natural Buttes Field Field: HCU 13-33F Site:

Well: HCU 13-33F Wellpath: 1

Date: 4/29/2005 Time: 07:30:05

Co-ordinate(NE) Referenchite: HCU 13-33F, True North Vertical (TVD) Referencesst.KB@5340' 0.0 Section (VS) Reference: Site (0.00N,0.00E,141.12Azi)

Section 5: Start Hold

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO	
ft	deg	deg	ft	ft-	ft	ft	deg/100f	t deg/100	ft deg/100ft	deg	
5100.00	0.00	141.12	5032.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
5200.00	-	141.12	5132.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
5300.0	-	141.12	5232.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
5400.00		141.12	5332.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
5500.00		141.12	5432.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
5600.00		141.12	5532.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
5700.00		141.12	5632.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
5800.00		141.12	5732.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
5900.0		141.12	5832.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
6000.0		141.12	5932.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
6100.0		141.12	6032.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
6200.00	0.00	141.12	6132.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
6282.40		141.12	6215.00	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
6300.0	0.00	141.12	6232.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
6400.0	0.00	141.12	6332.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
6500.00	0.00	141.12	6432.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
6600.0	0.00	141.12	6532.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
6700.0	0.00	141.12	6632.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
6800.0	0.00	141.12	6732.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
6900.0	0.00	141.12	6832.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
7000.0	0.00	141.12	6932.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
7100.0	0.00	141.12	7032.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
7200.0	0.00	141.12	7132.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
7207.4	0.00	141.12	7140.00	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
7300.0	0.00	141.12	7232.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
7400.0	0.00	141.12	7332.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
7500.0	0.00	141.12	7432.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
7600.0	0.00	141.12	7532.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
7700.0	0.00	141.12	7632.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
7800.0	0.00	141.12	7732.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
7900.0	0.00	141.12	7832.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
8000.0	0.00	141.12	7932.60	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	
8067.4	0.00	141.12	8000.00	-512.86	413.49	658.79	0.00	0.00	0.00	141.12	

Su	r٧	ey
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Survey							DI G	D 41.3	7 0	T1/C
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100	Build ft deg/1001	Turn ft deg/100ft	Tool/Comment
0.00	0.00	141.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	141.12	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	141.12	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	141.12	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	141.12	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	141.12	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	141.12	550.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
600.00	1.50	141.12	599.99	-0.51	0.41	0.65	3.00	3.00	0.00	
700.00	4.50	141.12	699.85	-4.58	3.70	5.89	3.00	3.00	0.00	
800.00	7.50	141.12	799.29	-12.72	10.26	16.34	3.00	3.00	0.00	
900.00	10.50	141.12	898.04	-24.90	20.07	31.98	3.00	3.00	0.00	
962.53	12.38	141.12	959.33	-34.55	27.86	44.38	3.00	3.00	0.00	
1000.00	12.38	141.12	995.93	-40.80	32.90	52.41	0.00	0.00	0.00	
1100.00	12.38	141.12	1093.61	-57.49	46.35	73.84	0.00	0.00	0.00	
1200.00	12.38	141.12	1191.28	-74.17	59.80	95.28	0.00	0.00	0.00	
1300.00	12.38	141.12	1288.96	-90.86	73.25	116.71	0.00	0.00	0.00	
1400.00	12.38	141.12	1386.63	-107.54	86.71	138.14	0.00	0.00	0.00	
1500.00	12.38	141.12	1484.31	-124.23	100.16	159.57	0.00	0.00	0.00	
1600.00	12.38	141.12	1581.99	-140.91	113.61	181.01	0.00	0.00	0.00	
1700.00	12.38	141.12	1679.66	-157.60	127.06	202.44	0.00	0.00	0.00	
1800.00	12.38	141.12	1777.34	-174.28	140.51	223.87	0.00	0.00	0.00	
1900.00	12.38	141.12	1875.01	-190.97	153.97	245.31	0.00	0.00	0.00	<u> </u>





Page:

Company: Dominion E & P

Natural Buttes Field Field: HCU 13-33F Site: HCU 13-33F

Well: Wellpath: 1 Date: 4/29/2005

Time: 07:30:05

Co-ordinate(NE) Referencite: HCU 13-33F, True North

Vertical (TVD) Referencesst. KB@5340' 0.0 Section (VS) Reference: Site (0.00N,0.00E,141.12Azi)

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS ft	DLS deg/100t	Build	Turn ft deg/100ft	Tool/Comment
ft	deg	deg	ft	ft	ft					
2000.00	12.38	141.12	1972.69	-207.65	167.42	266.74	0.00	0.00	0.00	
2100.00	12.38	141.12	2070.37	-224.34	180.87	288.17	0.00	0.00	0.00	
2200.00	12.38	141.12	2168.04	-241.02	194.32	309.60	0.00	0.00	0.00	
2300.00	12.38	141.12	2265.72	-257.71	207.78	331.04	0.00	0.00	0.00	
2400.00	12.38	141.12	2363.40	-274.39	221.23	352.47	0.00	0.00	0.00	
2500.00	12.38	141.12	2461.07	-291.08	234.68	373.90	0.00	0.00	0.00	
2600.00	12.38	141.12	2558.75	-307.76	248.13	395.33	0.00	0.00	0.00	
2700.00	12.38	141.12	2656.42	-324.45	261.59	416.77	0.00	0.00	0.00	
2800.00	12.38	141.12	2754.10	-341.13	275.04	438.20	0.00	0.00	0.00	
2900.00	12.38	141.12	2851.78	-357.82	288.49	459.63	0.00	0.00	0.00	
3000.00	12.38	141.12	2949.45	-374.51	301.94	481.06	0.00	0.00	0.00	
3100.00	12.38	141.12	3047.13	-391.19	315.39	502.50	0.00	0.00	0.00	
3200.00	12.38	141.12	3144.81	-407.88	328.85	523.93	0.00	0.00	0.00	
3300.00	12.38	141.12	3242.48	-424.56	342.30	545.36	0.00	0.00	0.00	
	12.38	141.12	3340.16	-441.25	355.75	566.80	0.00	0.00	0.00	
3400.00 3500.00	12.38	141.12	3437.83	-457.93	369.20	588.23	0.00	0.00	0.00	
3500.00 3518.60	12.38	141.12	3456.00	-4 61.03	371.71	592.21	0.00	0.00	0.00	
3600.00	10.75	141.12	3535.75	-473.74	381.95	608.53	2.00	-2.00	0.00	
		444.40	2540.00	47A 28	382.45	609.33	2.00	-2.00	0.00	Wasatch Tongue
3604.33	10.66	141.12	3540.00	-474.36 -486.92	382.45 392.57	625.46	2.00	-2.00 -2.00	0.00	,.acaton rongac
3700.00	8.75	141.12	3634.30	-486.92 -497.41	392.57 401.03	638.94	2.00	-2.00	0.00	
3800.00	6.75	141.12	3733.38	-497.41 -505.21	407.32	648.96	2.00	-2.00	0.00	
3900.00 3977.32	4.75 3.20	141.12 141.12	3832.87 3910.00	-509.38	410.68	654.31	2.00	-2.00	0.00	Uteland Limestone
						0EE 40	2.00	-2.00	0.00	
4000.00	2.75	141.12	3932.65	-510.30	411.42	655.49	2.00 2.00	-2.00 -2.00	0.00	
4100.00	0.75	141.12	4032.60	-512.67	413.34	658.54		-2.00	0.00	Wasatch
4137.40	0.00	141.12	4070.00	-512.86	413.49	658.79 658.79	2.00 0.00	0.00	0.00	Tasaton
4200.00 4300.00	0.00	141.12 141.12	4132.60 4232.60	-512.86 -512.86	413.49 413.49	658.79	0.00	0.00	0.00	
								0.00	0.00	
4400.00	0.00	141.12	4332.60	-512.86	413.49	658.79	0.00	0.00	0.00	
4500.00	0.00	141.12	4432.60	-512.86	413.49	658.79	0.00	0.00	0.00	
4600.00	0.00	141.12	4532.60	-512.86	413.49	658.79	0.00	0.00	0.00	
4700.00	0.00	141.12	4632.60	-512.86	413.49	658.79	0.00	0.00	0.00	
4800.00	0.00	141.12	4732.60	-512.86	413.49	658.79	0.00	0.00	0.00	
4900.00	0.00	141.12	4832.60	-512.86	413.49	658.79	0.00	0.00	0.00	
5000.00	0.00	141.12	4932.60	-512.86	413.49	658.79	0.00	0.00	0.00	" "
5057.40	0.00	141.12	4990.00	-512.86	413.49	658.79	0.00	0.00	0.00	Chapita Wells
5100.00	0.00	141.12	5032.60	-512.86	413.49	658.79	0.00	0.00	0.00	
5200.00	0.00	141.12	5132.60	-512.86	413.49	658.79	0.00	0.00	0.00	
5300.00	0.00	141.12	5232.60	-512.86	413.49	658.79	0.00	0.00	0.00	
5400.00	0.00	141.12	5332.60	-512.86	413.49	658.79	0.00	0.00	0.00	
5500.00	0.00	141.12	5432.60	-512.86	413.49	658.79	0.00	0.00	0.00	
5600.00	0.00	141.12	5532.60	-512.86	413.49	658.79	0.00	0.00	0.00	
5700.00	0.00	141.12	5632.60	-512.86	413.49	658.79	0.00	0.00	0.00	
E000 00	0.00	141.12	5732.60	-512.86	413.49	658.79	0.00	0.00	0.00	
5800.00 5900.00	0.00 0.00	141.12	5832.60	-512.86	413.49	658.79	0.00	0.00	0.00	
6000.00	0.00	141.12	5932.60	-512.86	413.49	658.79	0.00	0.00	0.00	
6100.00	0.00	141.12	6032.60	-512.86	413.49	658.79	0.00	0.00	0.00	
6200.00	0.00	141.12	6132.60	-512.86	413.49	658.79	0.00	0.00	0.00	
			0045.00	E40.00	412 40	659 70	0.00	0.00	0.00	Uteland Buttes
6282.40	0.00	141.12	6215.00	-512.86 -512.86	413.49 413.49	658.79 658.79	0.00	0.00	0.00	Cloid id Dallos
6300.00	0.00	141.12	6232.60	-512.86 -512.86	413.49	658.79	0.00	0.00	0.00	
6400.00	0.00	141.12	6332.60 6432.60	-512.86	413.49	658.79	0.00	0.00	0.00	
6500.00 6600.00	0.00 0.00	141.12 141.12	6532.60	-512.86	413.49	658.79	0.00	0.00	0.00	
		141.12	0002.00	-012.00	7,0.70	000.70	0.00	0.00		





Page:

Company: Dominion E & P

Natural Buttes Field Field: HCU 13-33F Site: Well:

HCU 13-33F Wellpath: 1

Date: 4/29/2005 Time: 07:30:05 Co-ordinate(NE) Referencite: HCU 13-33F, True North

Vertical (TVD) Reference est. KB@5340' 0.0 Section (VS) Reference: Site (0.00N,0.00E,141.12Azi)
Plan:
Plan:

Survey										m 1/6
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100	Build it deg/1001	Turn ft deg/100ft	Tool/Comment
6700.00	0.00	141.12	6632.60	-512.86	413.49	658.79	0.00	0.00	0.00	
6800.00	0.00	141.12	6732.60	-512.86	413.49	658.79	0.00	0.00	0.00	
6900.00	0.00	141.12	6832.60	-512.86	413.49	658.79	0.00	0.00	0.00	
7000.00	0.00	141.12	6932.60	-512.86	413.49	658.79	0.00	0.00	0.00	
7100.00	0.00	141.12	7032.60	-512.86	413.49	658.79	0.00	0.00	0.00	
7200.00	0.00	141.12	7132.60	-512.86	413.49	658.79	0.00	0.00	0.00	
7207.40	0.00	141.12	7140.00	-512.86	413.49	658.79	0.00	0.00	0.00	Mesaverde
7300.00	0.00	141,12	7232.60	-512.86	413.49	658.79	0.00	0.00	0.00	
7400.00	0.00	141.12	7332.60	-512.86	413.49	658.79	0.00	0.00	0.00	
7500.00	0.00	141.12	7432.60	-512.86	413.49	658.79	0.00	0.00	0.00	
7600.00	0.00	141.12	7532.60	-512.86	413.49	658.79	0.00	0.00	0.00	
7700.00	0.00	141.12	7632.60	-512.86	413.49	658.79	0.00	0.00	0.00	
7800.00	0.00	141.12	7732.60	-512.86	413.49	658.79	0.00	0.00	0.00	
7900.00	0.00	141.12	7832.60	-512.86	413.49	658.79	0.00	0.00	0.00	
8000.00	0.00	141.12	7932.60	-512.86	413.49	658.79	0.00	0.00	0.00	
8067.40	0.00	141.12	8000.00	-512.86	413.49	658.79	0.00	0.00	0.00	BHL

7	٠.	_	_	_	4	
	а	r	ø	e	Ŧ	ļ

Name	Description	on Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	< Latitude Deg Min Sec	->< Longitude Deg Min Sec
KOP	 		550.00	0.00	0.00	7137417.252	151348.52	39 53 59.030 N	109 40 43.220 W
-Plan hit target BHL -Plan hit target			8000.00	-512.86	413.49	7136912.912	151772.37	39 53 53.961 N	109 40 37.914 W

Formations

MD	TVD	Formations	Lithology	· . ·	Dip Direction deg
ft	ft			deg	
3604.33	3540.00	Wasatch Tongue		0.00	0.00
3977.32	3910.00	Uteland Limestone		0.00	0.00
4137.40	4070.00	Wasatch		0.00	0.00
		Chapita Wells		0.00	0.00
5057.40	4990.00			0.00	0.00
6282.40	6215.00	Uteland Buttes		0.00	0.00
7207.40	7140.00	Mesaverde		0.00	0.00

SURFACE USE PLAN

CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

HCU 13-33F

SHL: 1214' FSL & 356' FWL Section 33-10S-20E BHL: 700' FSL & 800' FWL Section 33-10S-20E

Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The federal onsite inspection for the referenced well was conducted on Thursday, March 31, 2005 at approximately 2:45 pm. In attendance at the onsite inspection were the following individuals:

Ken Secrest

Foreman

Dominion E & P. Inc.

Brandon Bowthorpe

Surveyor

Uintah Engineering and Land Surveying

Jesse Merkley

Surveyors Helper

Uintah Engineering and Land Surveying

Stan Olmstead Randy Jackson Nat. Res. Prot. Spec.

Bureau of Land Management - Vernal

Lonnie Hogan

Foreman

Jackson Construction

Foreman **Don Hamilton Permitting Agent**

LaRose Construction Buys & Associates, Inc.

1. **Existing Roads:**

- The proposed well site is located approximately 13.03 miles south of Ouray, UT. a.
- Directions to the proposed well site have been attached at the end of Exhibit B. b.
- The use of roads under State and County Road Department maintenance are necessary to c. access the Hill Creek Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- All existing roads will be maintained and kept in good repair during all phases of operation. d.
- Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate e. with road and weather conditions.
- Since no improvements are anticipated to the State, County, Tribal or BLM access roads no f. topsoil striping will occur.
- An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor g. since both are located within the existing Hill Creek Unit boundary.

2. Planned Access Roads:

- a. From the proposed road that will access the HCU 10-28F an access is proposed trending northeast approximately 0.1 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.
- c. BLM approval to construct and utilize the proposed access road is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 0.1 miles long and adequate site distance exists in all directions.
- f. No culverts or low water crossings are anticipated. Adequate drainage structures will be incorporated into the road.
- g. No surfacing material will come from federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards</u> for Oil and Gas Exploration and <u>Development</u>, (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. <u>Location of Existing Wells:</u>

a. Following is a list of existing wells within a one mile radius of the proposed well:

Water wells None i. ii. Injection wells None None Disposal wells iii. Drilling wells None Temp. shut-in wells 1 v. Producing wells None vi. Abandon wells vii. None

b. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this location; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the west side of the well site and traverse 536' west to the proposed 10" pipeline that will service the HCU 10-28F.
- i. The new gas pipeline will be a 6" steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 536' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the south side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- 1. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.

m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the west.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- 1. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Ute Tribal and BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be identified in the BLM approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Our understanding of the results of the onsite inspection are:
 - a. No drainage crossings that require additional State or Federal approval are being crossed.
 - b. A biological review by the BLM in the spring will be necessary to confirm the presence of threatened and endangered flora and fauna species.
 - c. No raptor habitat is known to exist within 1 mile of the proposed wellsite.

13. Operator's Representative and Certification

Title	Name	Office Phone
Company Representative (Roosevelt)	Mitchiel Hall	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

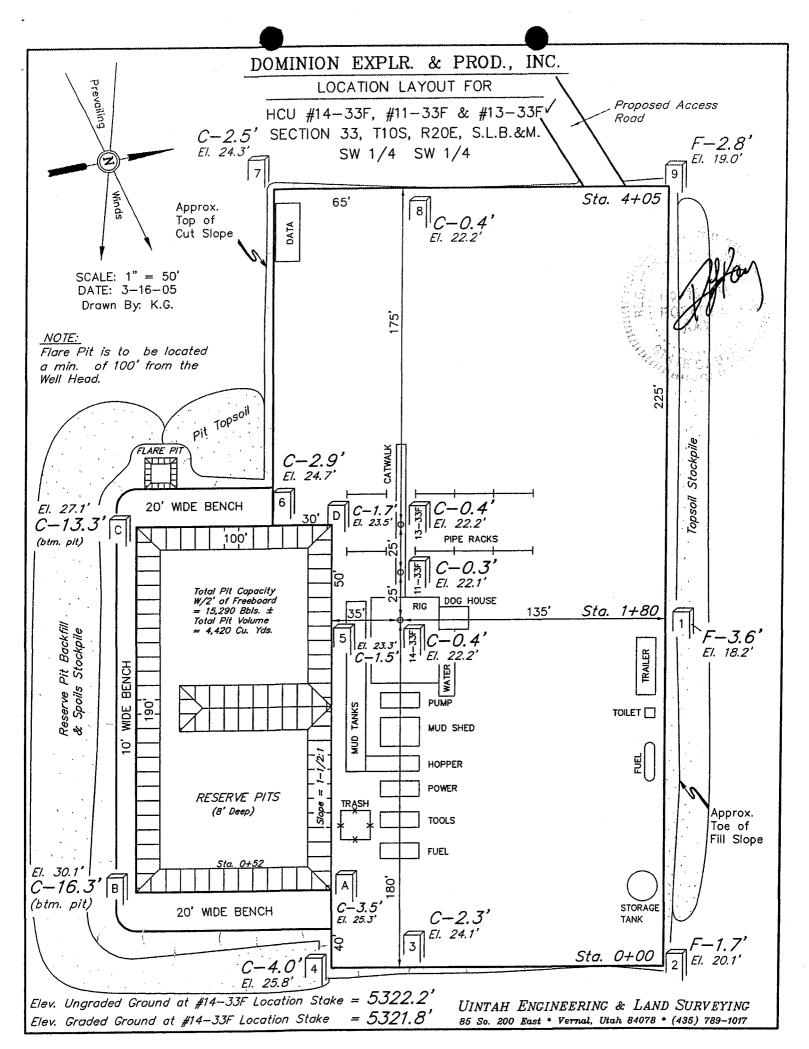
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

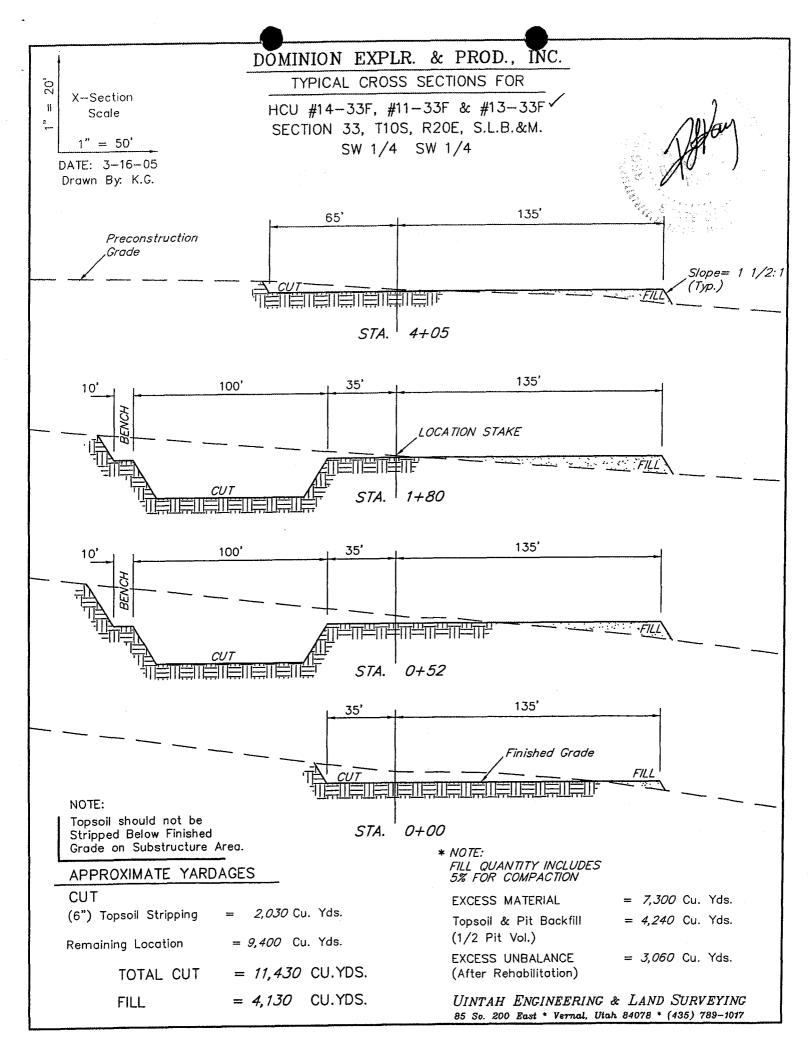
Signature: Don Hamilton Date: 5-9-05

DOMINION EXPLR. & PROD., INC. HCU #14-33F, #11-33F, & #13-33F </br> SECTION 33, T10S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND SOUTHWESTERLY, THEN SOUTHERLY DIRECTION PROCEED IN A APPROXIMATELY 4.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.45 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING TWO-TRACK ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO BEGINNING OF THE PROPOSED ACCESS FOR THE #10-28F TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN WESTERLY, THEN NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.8 MILES.





DOMINION EXPLR. & PROD., INC. HCU #14-33F, #11-33F, & #13-33F LOCATED IN UINTAH COUNTY, UTAH

SECTION 33, T10S, R20E, S.L.B.&M.

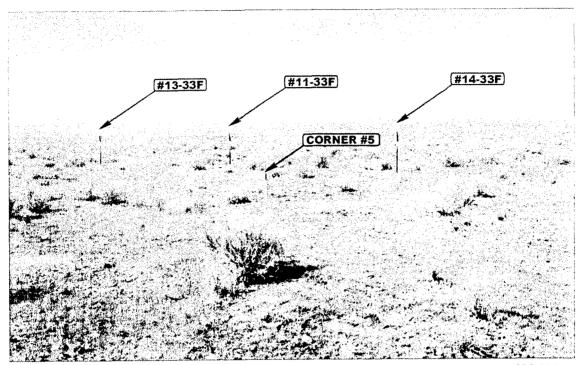


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: NORTHEASTERLY

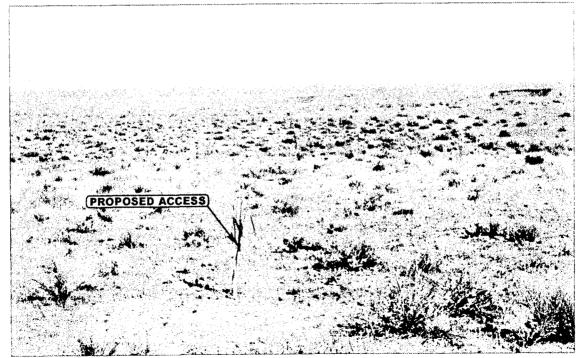
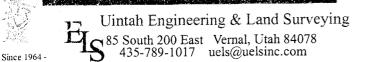
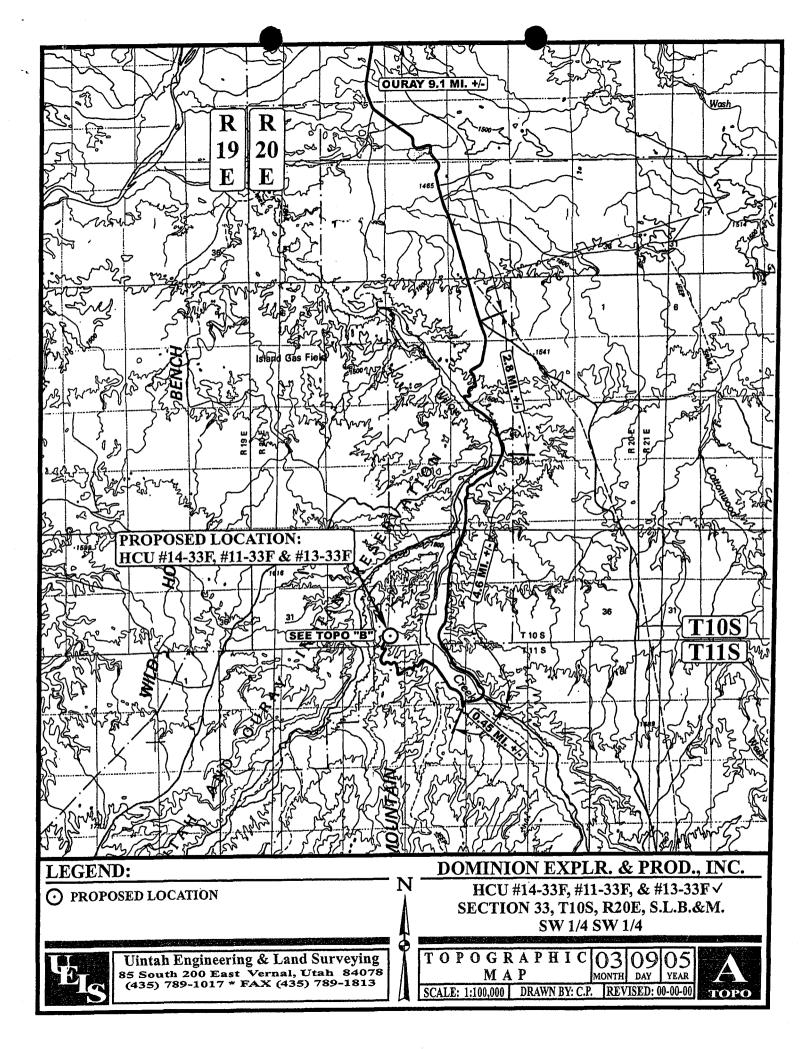


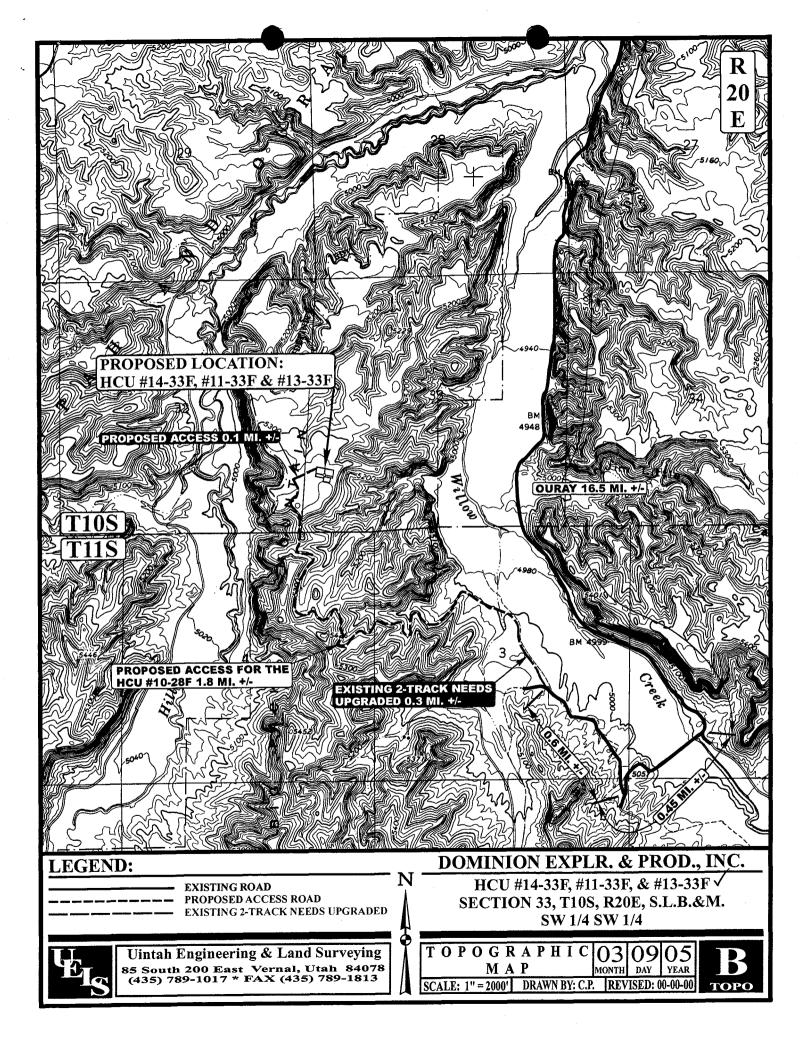
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

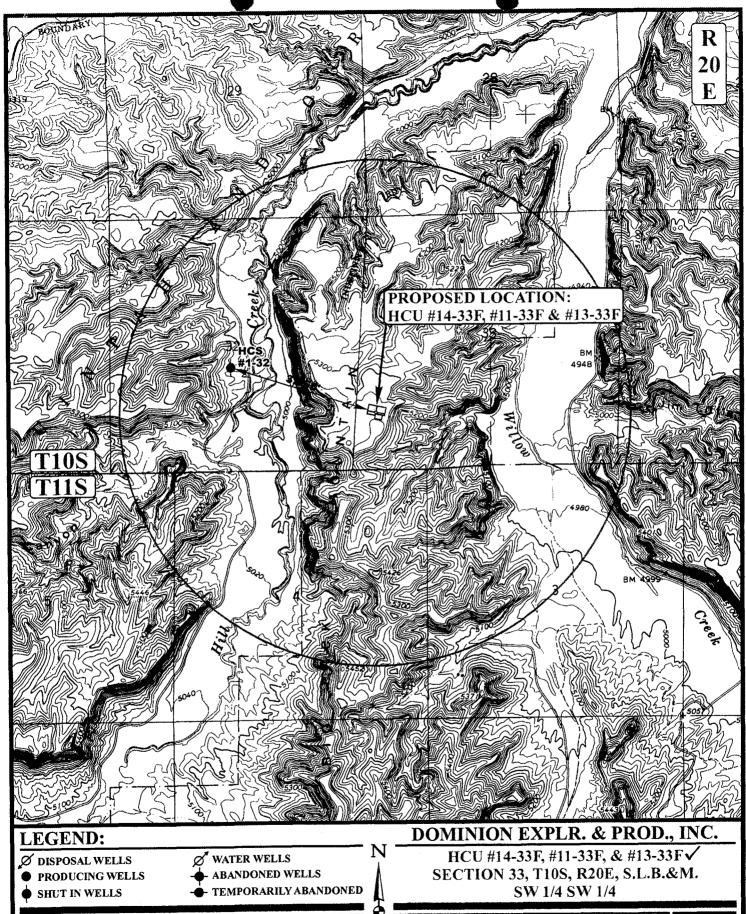
CAMERA ANGLE: NORTHEASTERLY



РНОТО **LOCATION PHOTOS** MONTH DAY YEAR TAKEN BY: N.H. | DRAWN BY: C.P. | REVISED: 00-00-00

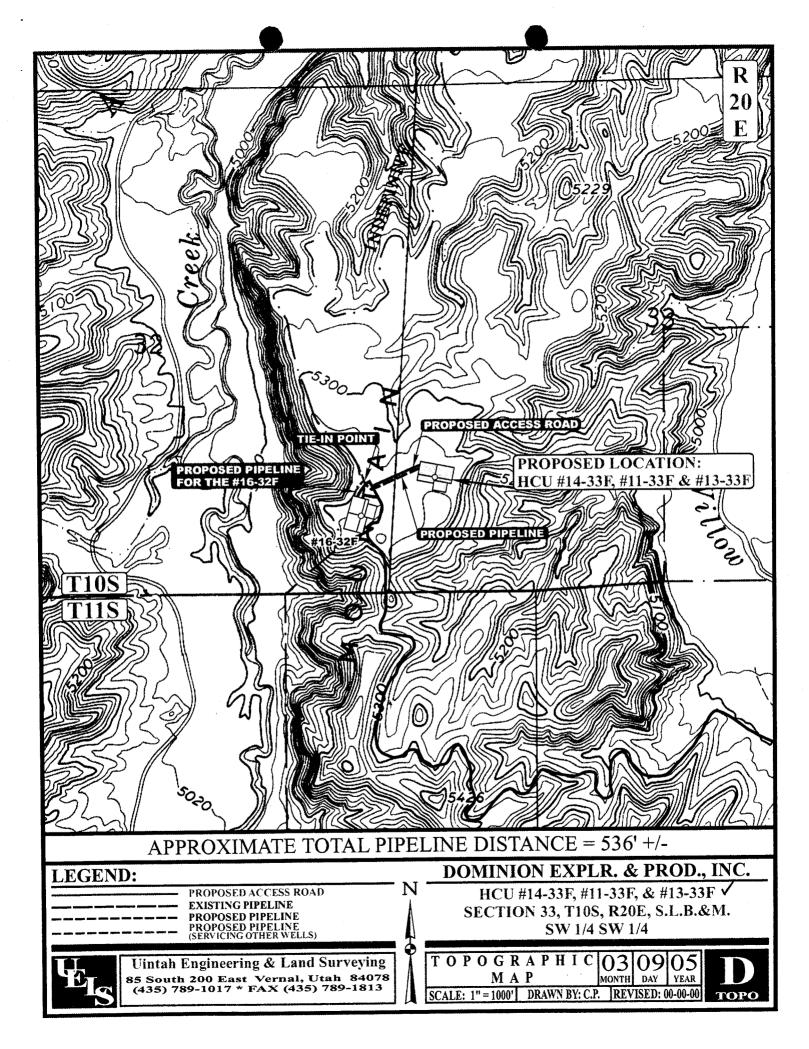


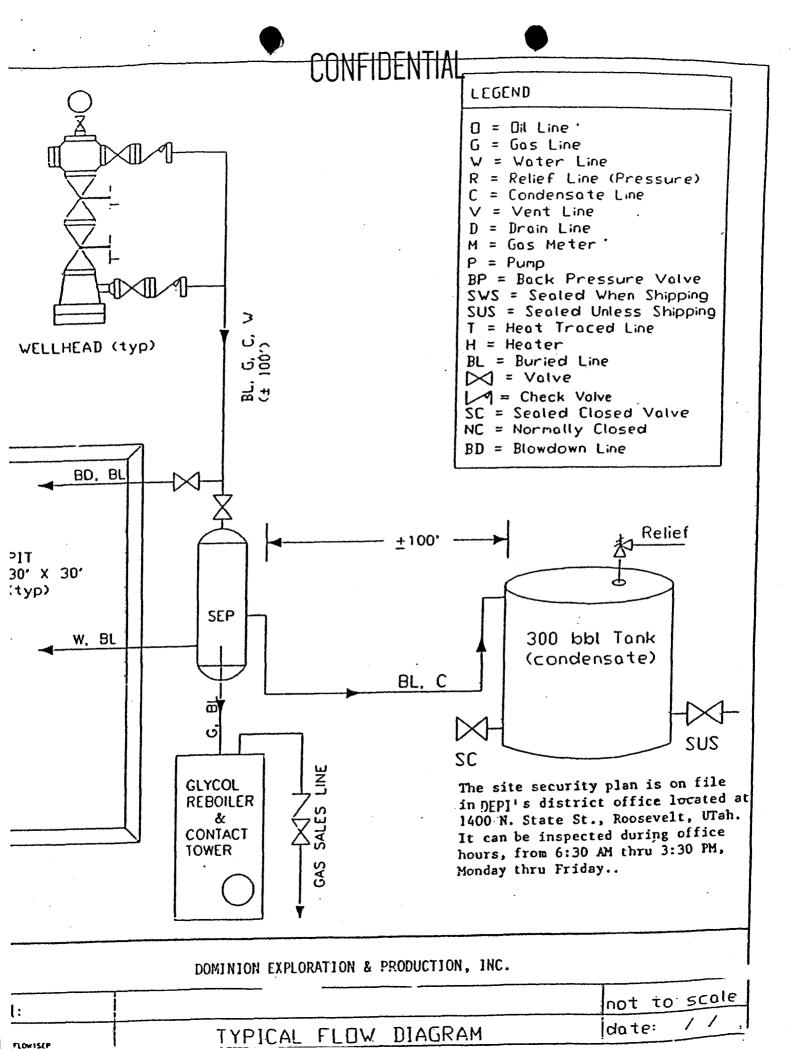




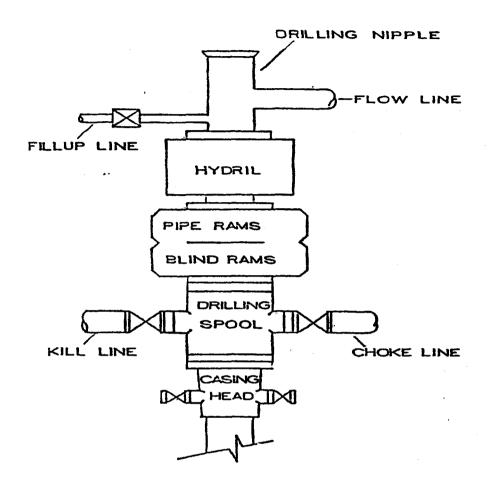
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 03 09 05
MAP
SCALE: 1"=2000' DRAWN BY: C.P. REVISED: 00-00-00

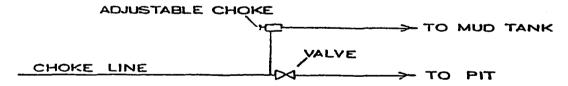




BOP STACK



CHOKE MANIFOLD

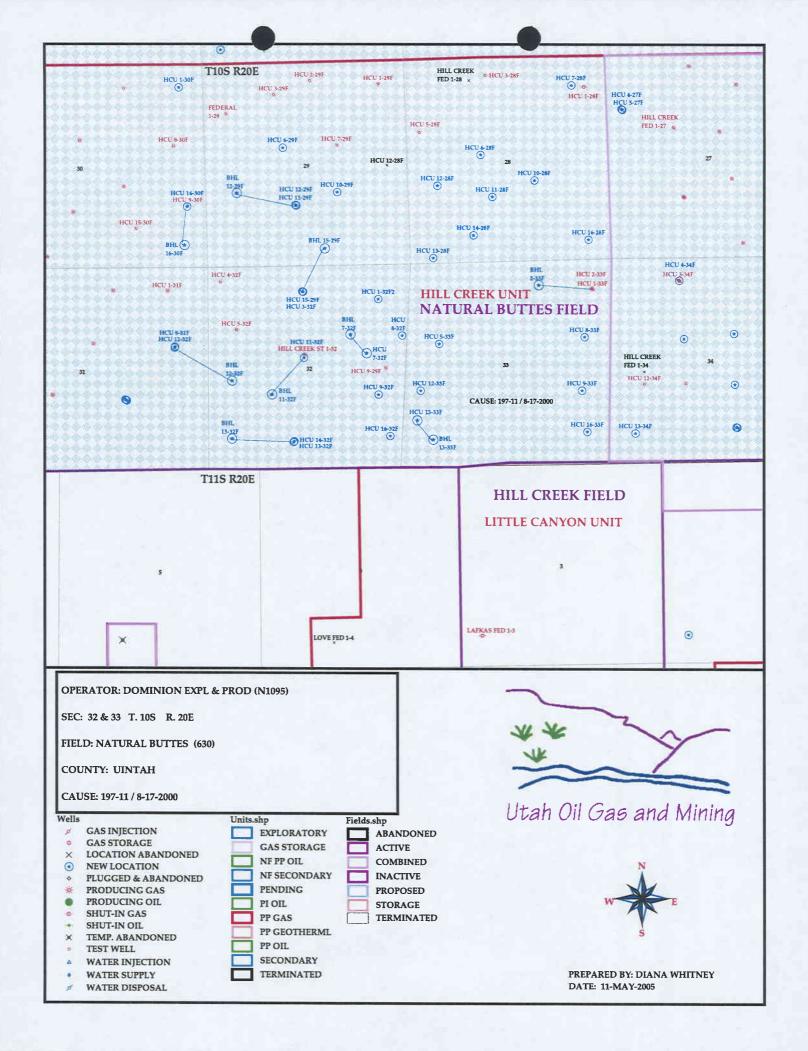


APD RECEIVED: 05/11/2005

WORK	SHEET		
APPLICATION FOR	PERMIT	TO	DRILL

API NO. ASSIGNED: 43-047-36685

WELL NAME: HCU 13-33F			
OPERATOR: DOMINION EXPL & PROD (N1095)		
CONTACT: DON HAMILTON	PHONE NUMBER: 4	35-650-1886	
PROPOSED LOCATION:			
SWSW 33 100S 200E	INSPECT LOCATN	BY: / /	
SURFACE: 1214 FSL 0356 FWL SWSW BOTTOM: 0700 FSL 0800 FWL	Tech Review	Initials	Date
UINTAH	Engineering		
NATURAL BUTTES (630)	Geology		
LEASE TYPE: 1 - Federal LEASE NUMBER: U-28203	Surface		
SURFACE OWNER: 1 - Federal PROPOSED FORMATION: MVRD COALBED METHANE WELL? NO	LATITUDE: 39.8 LONGITUDE: -109	.6780	
Plat Plat	R649-3-3. E Drilling Uni Board Cause Eff Date:	General rom Qtr/Qtr & 920' Exception t No: /97-/	1 2000 18itiv
COMMENTS:			
STIPULATIONS: 1- Eder (2-0)n	Opprova () SHALER	101	
	7*****		
		- V January	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

May 17, 2005

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Hill Creek Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Hill Creek Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ MesaVerde)

43-047-36685 HCU 13-33F Sec 33 T10S R20E 1214 FSL 0356 FWL BHL Sec 33 T10S R20E 0700 FSL 0800 FWL

43-047-36684 HCU 7-32F Sec 32 T10S R20E 2302 FNL 1046 FEL BHL Sec 32 T10S R20E 1800 FNL 1500 FEL

This office has no objections to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Hill Creek Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:5-17-05



State of Utah

Department of Natural Resources

> MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

May 17, 2005

Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134

Re:

Hill Creek Unit 13-33F Well, Surface Location 1214' FSL, 356' FWL, SW SW, Sec. 33, T. 10 South, R. 20 East, Bottom Location 700' FSL, 800' FWL, SW SW, Sec. 33, T. 10 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36685.

Sincerely,

Gil Hunt

Acting Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Don	ominion Exploration & Production, Inc.		
Well Name & Number Hill Creek Unit 13-33F				
API Number: 43-047-36685				
Lease:	U-28203			
Surface Location: SW SW Bottom Location: SW SW	Sec. 33 Sec. 33	T. 10 South T. 10 South	R. 20 East R. 20 East	

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
- 6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

		-
Form	3160-	5
Chine	1990)	

UNITATES DEPARTMENT THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT--" for such proposals

	FORM APPROVED
	Budget Bureau No. 1004-013
T	Expires: March 31, 1993

5.	Lease	Designation	and	Serial	No
	1	U -2820 3			

		0 20203
5.	If	Indian, Allottee or Tribe Name

Water Shut-Off

Dispose Water

Conversion to Injection

Use "APPLICATION F	0.	N/A		
SUBMIT	7.	If Unit or CA, Agreement Designation Hill Creek Unit		
1. Type of Well Gas Gas	8.	Well Name and No. HCU 13-33F		
2. Name of Operator Dominion Exploration & Production, Inc.			API Well No. 43-047-36685	
3. Address and Telephone No. 14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263			Field and Pool, or Exploratory Area Natural Buttes	
4. Location of Well (Footage, Sec., T., R:, M., or Survey Description) Surface: 1,214' FSL & 356' FWL, SW/4 SW/4, Section 33, T10S, R20E, SLB&M Target: 700' FSL & 800' FWL, SW/4 SW/4, Section 33, T10S, R20E, SLB&M			County or Parish, State Uintah, Utah	
12. CHECK APPROPRIATE BOX(s)	TO INDICATE NATURE OF NOTICE, R	EPORT,	OR OTHER DATA	
TYPE OF SUBMISSION TYPE OF AC				
Notice of Intent Subsequent Report Final Abandonment Notice	Change of Name Recompletion Plugging Back	New (e of Plans Construction Couting Fracturing	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Altering Casing

Location layout change

The location layout has changed for the HCU 13-33F following restaking of the associated directional wells to other locations.

Attached please find an updated plat package that reflects the new location layout to replace Exhibits "A" and "B" of the previously submitted APD package.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
JUL 1 1 2005

DIV. OF OIL, GAS & MINING
FILE COPY

	foregoing is true and correct Don Hamilton Title Agent	for Dominion	Date	July 6, 2005		
This space for Federal or State office use)						
pproved by onditions of approval, if an	Title	Date				

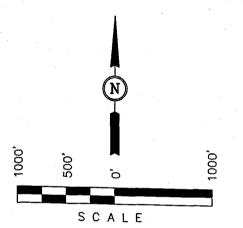
T10S, R20E, S.L.B.&M. 1928 Brass Cap Pile of Stones S89"11'09"W - 2631.49' (Meas.) S89'09'00"W - 2630.14' (Meas.) 1928 Brass Cap 1928 Brass Cap 0.8' High, Pile Pile of Stones of Stones 2658.47' (Meas. 51 10332,28"E NOT 1912 1928 Brass Cap Pile of Stones 1928 Brass Cap 0.8' High, Pile of Stones 9 HCU #13-33F Elev. Ungraded Ground = 5322 ് Bottom Hole 1928 Brass Cap 1928 Brass Cap O.4' High. E-W Fenceline, Set 1.3' High, Pile A.P., Set Stone, Marked Stone of Stones T10S Pile of Stones S89'58'51"W - 2619.67' (Meas., 58617'49"W -S89'51'17"W -1318.46' (Meas.) 1532.82' (Meas.) 1928 Brass Cap BASIS OF BEARINGS Pile of Stones BASIS OF BEARINGS IS A G.P.S. OBSERVATION. LEGEND: (NAD 83) LATITUDE = 39'53'59'03" (39.899731) = 90° SYMBOL LONGITUDE = 109'40'43.22" (109.678672) (NAD 27) PROPOSED WELL HEAD. = SECTION CORNERS LOCATED.

DOMINION EXPLR. & PROD., INC.

Well location, HCU #13-33F, located as shown in the SW 1/4 SW 1/4 of Section 33, T10S, R20E, S.L.B.&M. Uintah County Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR. GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLE

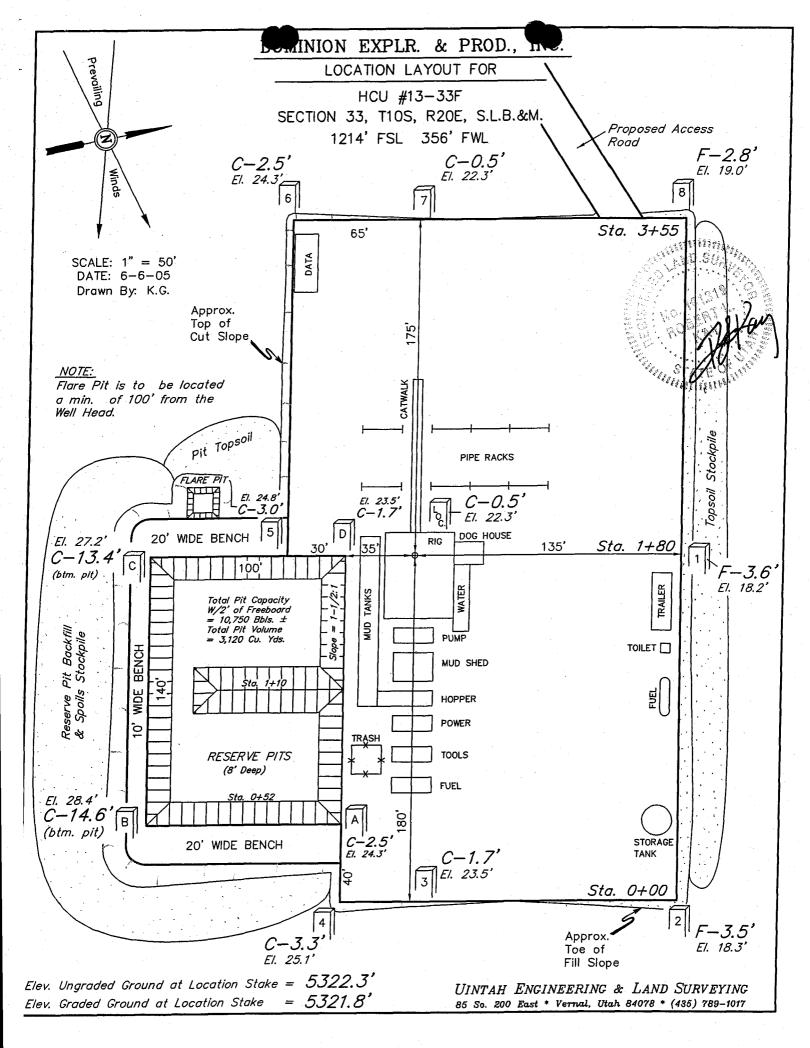
> REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

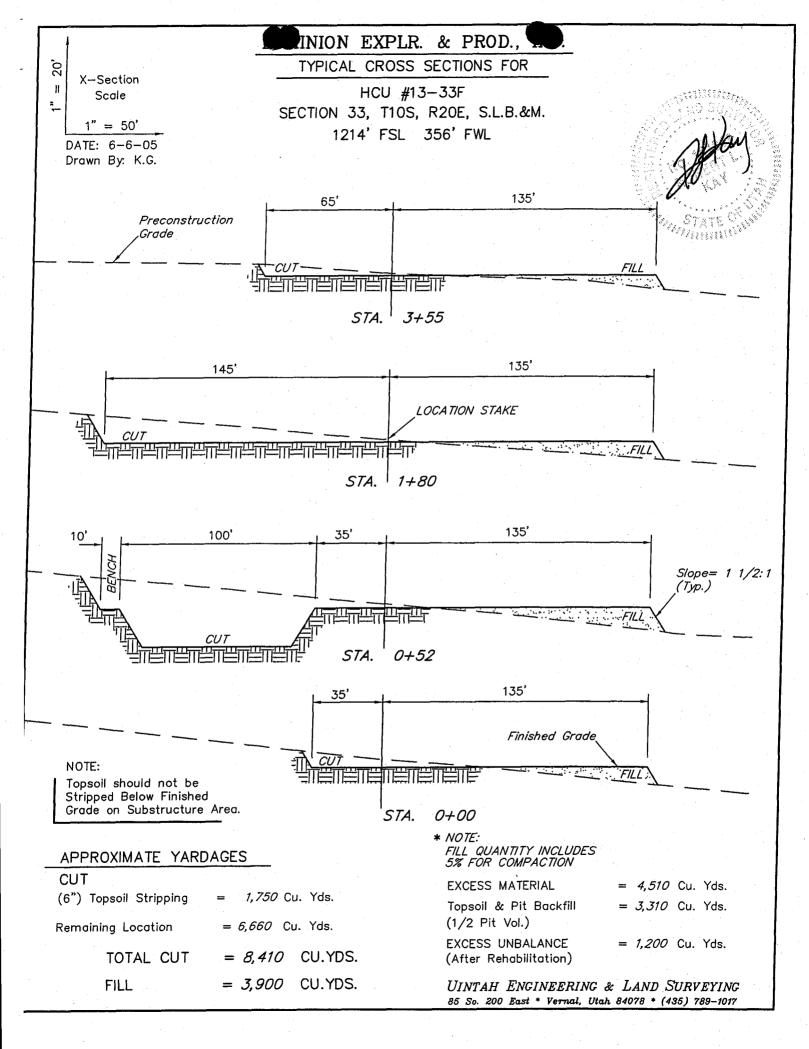
LATITUDE = 39.53.59.16" (39.899767)

LONGITUDE = 109'40'40.73" (109.677981)

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:		
1" = 1000'	3-7-05	3-16-05		
PARTY	REFERENCES			
N.H. A.S. K.G.	G.L.O. PLAT			
WEATHER COOL	FILE DOMINION FYP	IP & DDOD ING		





DOMINION EXPLR. & PROD., INC.

HCU #13-33F LOCATED IN UINTAH COUNTY, UTAH **SECTION 33, T10S, R20E, S.L.B.&M.**

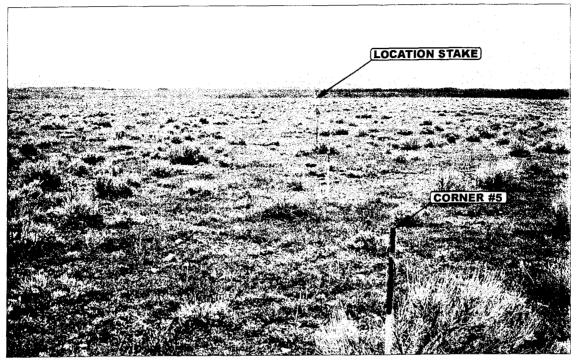


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

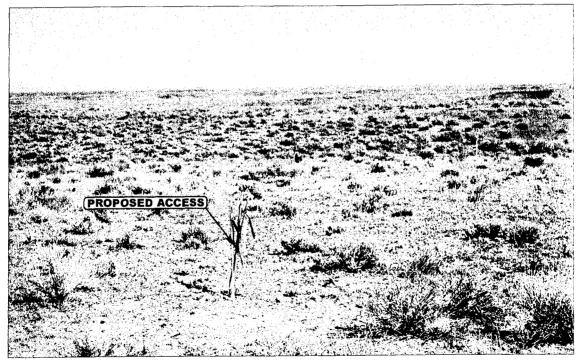


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY

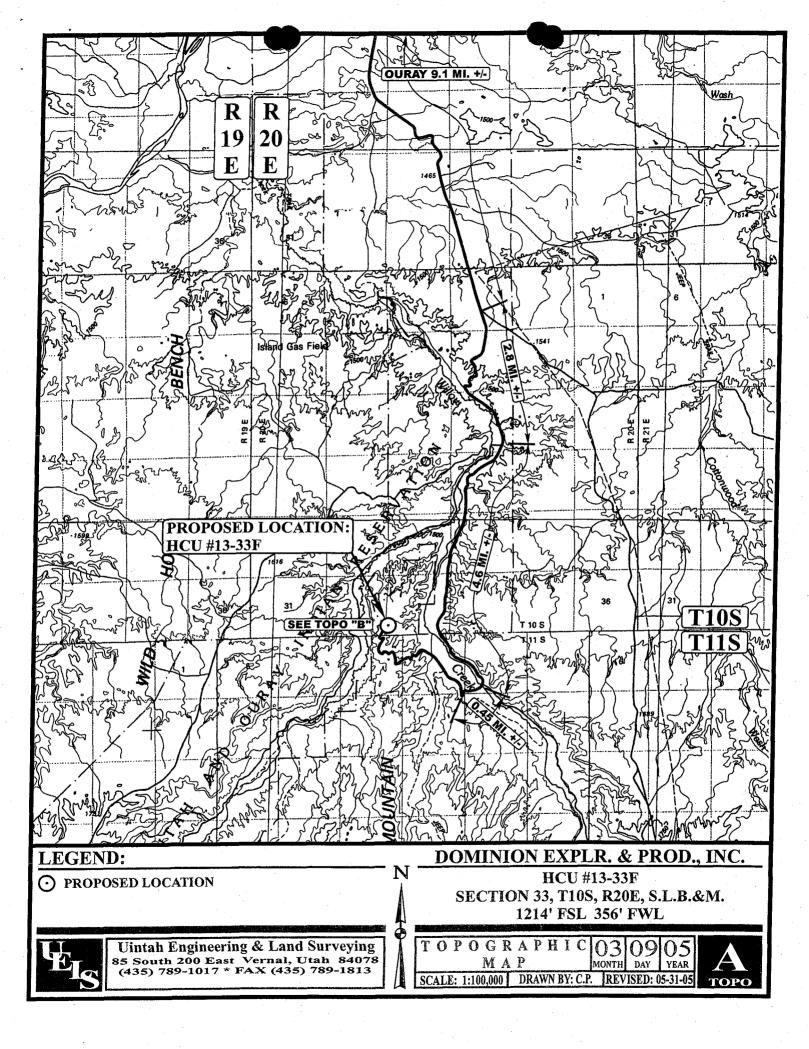


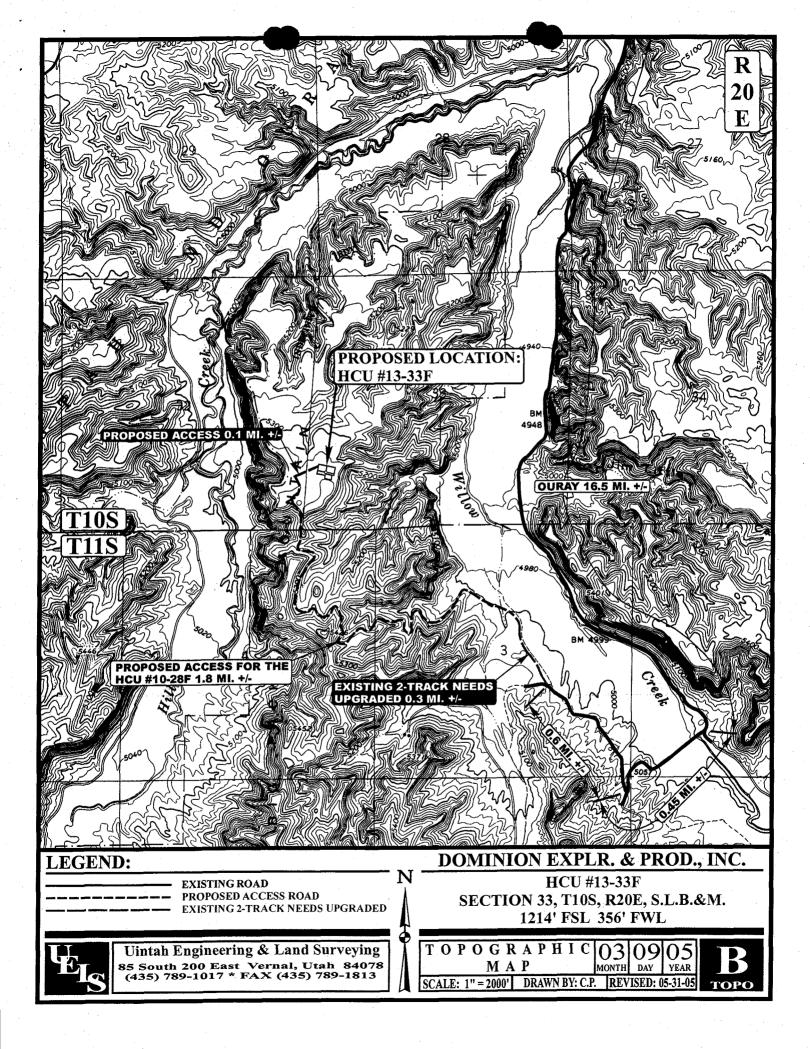
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

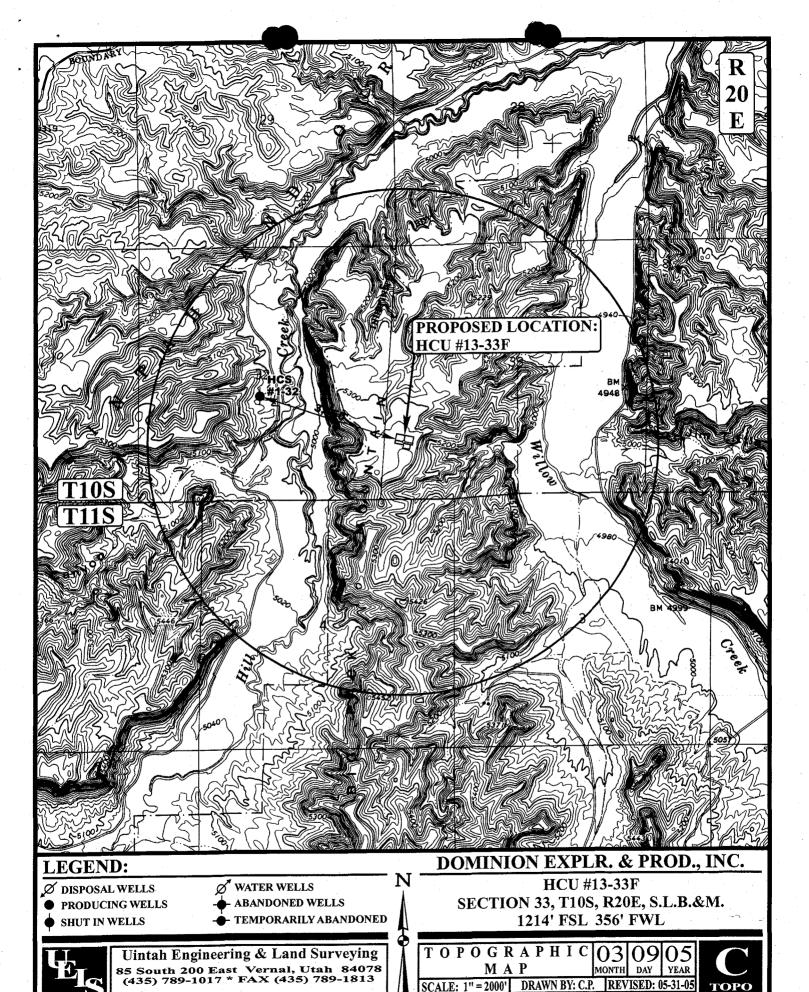
LOCATION PHOTOS

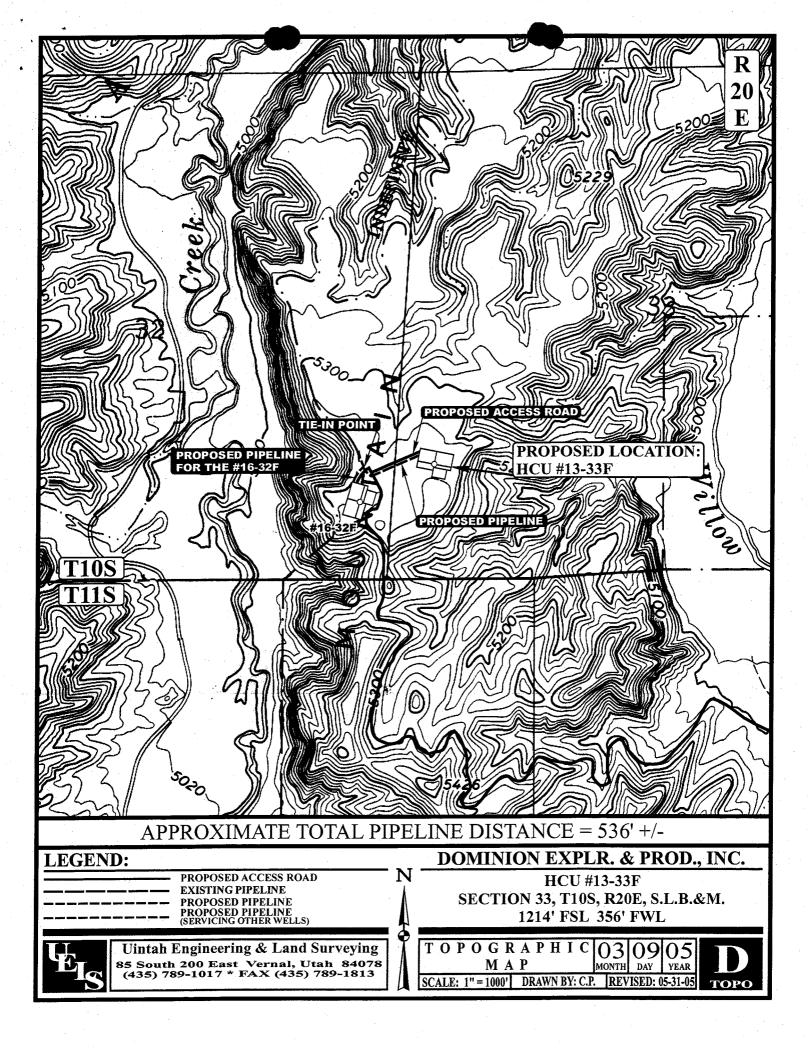
РНОТО

TAKEN BY: N.H. | DRAWN BY: C.P. | REVISED: 05-31-05









Form 3160-3 (December 1990)

UNITED STATES

SUBMIT IN TRIPLICATE*

Form approved. Budget Bureau No. 1004-0136

Expires: December 31, 1991

	BUREAU OF LAND MA		MAY 1 1 200	05 U-28203
APPLIC	ATION FOR PERMIT	TO DRILL OF	R DEEPEN	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1a. TYPE OF WORK				N/A 7, UNIT AGREEMENT NAME
	L 🗓 DEEPI	en L		Hill Creek Unit
b. TYPE OF WELL OIL GAS		SINGLE	MULTIPLE	8. FARM OR LEASE NAME, WELL NO.
WELL WELL	OTHER	ZONE K	ZONE	HCU 13-33F
2. NAME OF OPERATOR		•		9. AFLYELL NO. 7 3/68
Dominion Ex 3. ADDRESS AND TELEPHONE NO.	ploration & Production, Inc.			10. FIELD AND POOL, OR WILDCAT
	Springs Parkway, Suite 600,	Oklahoma City, OK	73134. 405-749-5263	Natural Buttes
4. LOCATION OF WELL (Report location of	learly and in accordance with any State requires	ments.*)	791911	11. SEC.,T.,R.,M., OR BLK. A
At surface	1,214' FSL & 356' FWL, SW	/4 SW/4,	Section 33	
At proposed prod. zone	700' FSL & 800' FWL, SW/4 ON FROM NEAREST TOWN OR POST OFFIC	SW/4, , S	ection 33	T10S, R20E, SLB&M
14 DISTANCE IN MILES AND DIRECTION				
15. DISTANCE FROM PROPOSED*	13.03 miles south of Ouray,	16. NO. OF ACRES IN LEASE	17.	Uintah Utah NO. OF ACRES ASSIGNED
LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.				TO THIS WELL
(Also to nearest drig. unit line, if any)	356'	1,880		40 acres ROTARY OR CABLE TOOLS
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL,		19. PROPOSED DEPTH	20.	ROTARY OR CABLE TOOLS
DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	25'	8,000		Rotary
21. ELEVATIONS (Show whether DF,RT,C				22. APPROX. DATE WORK WILL START*
	5,322' GR			September 15, 2005
23. ·	PROPOSED CASI	NG AND CEMENTING	PROGRAM	
SIZE OF HOLE GRADE, SIZ	ZE OF CASING WEIGHT PER FOOT	r SETTING DEPTH		QUANTITY OF CEMENT
17-1/2" 13-3/8" H	-40 ST&C 48#	500'	450 sks "C" Cement with a	dditives (see Drilling Plan)
12-1/4" 9-5/8" J-5	5 LT&C 36#	2,800'	300 sacks Lead and 390 sac	ks Tail (see Drilling Plan)
7-7/8" 5-1/2" Ma	iv-80 LT&C 17#	8,000'	90 sacks Lead and 600 sack	s Tail (see Drilling Plan)
Other Information: Drillin Domin A requ	within 460' of the drilling operator within 460' of the Accepted by the Utah Division Oil, Gas and Mi FOR RECORD	are attached. Sete application for pe (R649-3-11) is herely unit boundary. Don the proposed well and the of units ONLY	rmit to drill be held conf y requested based on top ninion Exploration & Pro all points along the inten RECEIVE MAR 0 3 200 DIV. OF OIL, GAS & I	idential. bography since the well is located oduction, Inc. is the only owner and ded well bore path. ORIGINAL CONFIDENTIAL MINING
IN ABOVE SPACE DESCRIBE pertinent data on subsurface locations and me 24.		is to deepen, give data present pro		ve zone. If proposal is to drill or deepen directionally, give
signed Don Ha	Don Hamilton Tr	Agent for Do	minion	DATE May 9, 2005
(This space for Federal or State office	use)			
PERMIT NO.	· · · · · · · · · · · · · · · · · · ·	APPROVAL DATE_		
Application approval does not we conditions of approval, if a	arrant or certify, that the applicant helds le	egal or equitable title to those Assistant Fig. Mineral Fig.	id Manager	puld entitle the applicant to conduct operations thereon. DATE $02/29/2006$

*See Instructions On Reverse Side

makes it a crime for any person knowingly and willfully to make to any department or agency or the Title 18 U.S.C. Section 1001.



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE 170 South 500 East VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Dominion Exploration & ProductionLocation:SWSW, Sec 33, T10S, R20EWell No:HCU 13-33FLease No:UTU-28203API No:43-047-36685Agreement:Hill Creek Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	As a series of the series of t
After hours contact number: (435)	781-4513	FAX: (435) 781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Karl Wright)		Forty-Eight (48) hours prior to construction of location and access roads
Location Completion (Notify Karl Wright)		Prior to moving on the drilling rig.
Spud Notice (Notify PE)	: : :	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger SPT)	. -	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger SPT)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify PE)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 5 Well: HCU 13-33F 2/24/2006

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.
- If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- Following well plugging and abandonment, the location, access roads, pipelines, and
 other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to
 approximate the original contour; the top soil respread over the surface; and, the surface
 revegetated. The surface of approved staging areas where construction activities did
 not occur may require disking or ripping and reseeding.
- The following seed mixture shall be used:

-	Туре	lbs./acre
Shadscale	Atriplex confertifolia	3
Fourwing salt bush	Atgriplex canescens	. 3
Galleta grass	Hilaria jamesil	3
Gardners salt brush	Atriplex gardneri	3
	but if broadcasted double the particular solids mechanically to cover the	- · · · · · · · · · · · · · · · · · · ·

- Other reclamation methods including but not limited to mulching or soil treatments may be required on a site-specific basis.
- The pits will be lined with 16 ply or greater plastic liners, and padded with the appropriate layers of felt to prevent any punctures of the liner.
- The entire pad will be bermed, to deter any potential water flows from entering the pad and potentially carrying oil and/or gas products down the mountain into Willow Creek or Hill Creek and ultimately into the Green River.

Page 3 of 5 Well: HCU 13-33F 2/24/2006

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended

Page 4 of 5 Well: HCU 13-33F 2/24/2006

for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field
 Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
 until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the
 written report requirement. Any additional construction, reconstruction, or alterations of
 facilities, including roads, gathering lines, batteries, etc., which will result in the
 disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore
 Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field
 Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports will be
 submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the
 API standards for liquid hydrocarbons and the AGA standards for natural gas
 measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production,

Page 5 of 5 Well: HCU 13-33F 2/24/2006

whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located;
 otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and / or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days.
 "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Form 3160-5 (August, 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED

OMI	B No.	1004	-01:	35
P	NT		20	2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

Expires: November 30, 2000 5. Lease Serial No.

U-28203

6. If Indian, Allottee or Tribe Name

abandoned well. Use l	Form 3160-3 (APD) for	such proposals.				
SUBMIT IN TRIPLIC	ATE - Other Instruction	is on reverse side 🐬		7. If Unit or CA	A/Agreement, Name	and/or No.
1. Type of Well			8	Hill Cree	ek Unit	
Oil Well X Gas Well	Other		* ************************************	8. Well Name	and No.	
2. Name of Operator	<u> </u>			HCU	13-33F	
•				9. API Well No	D.	
Dominion Exploration & Production		los vi vi di tili		43-04	7-36685	
3a. Address Suite 60	,,,	3b. Phone No. (include a (405) 749-5263			Pool, or Exploratory	Area
14000 Quail Springs Parkway, OK 4. Location of Well (Footage, Sec., T., R., M., o	or Survey Description)	(405) 749-5205			al Buttes	
4. Location of wen (rootage, See., 1., K., M.,	a Survey Description,			11. County or 1		
1214' FSL & 356' FWL, Sec. 33-10)S-20E			Uintal		
12. CHECK APPROPRIATE I	BOX(ES) TO INDICATI	E NATURE OF NOT	ΓΙCE, REPC	ORT OR OTI	HER DATA	
TYPE OF SUBMISSION		TYPE O	F ACTION	· ·		
X Notice of Intent	Acidize	Deepen	Production (S	tart/Resume)	Water Shut-Off	
9	Altering Casing	Fracture Treat	Reclamation		Well Integrity	
Subsequent Report	Casing Repair	New Construction	Recomplete		Other	
_	Change Plans	Plug and Abandon	Temporarily A	bandon	APD Expiration	1.
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispos	al -		
Describe Proposed or Completed Operat If the proposal is to deepen directionally Attach the Bond under which the work following completion of the involved oper testing has been completed. Final Abr determined that the site is ready for final in The State APD for this well	or recomplete horizontally, give will be performed or provide the rations. If the operation results andonment Notices shall be filed	e subsurface locations and Bond No. on file with BLI in a multiple completion of donly after all requiremen	d measured and M/BIA. Required recompletion its, including recompletion by requesting and M/III	red subsequent in a new interval and interva	reports of all pertinent reports shall be filed al, a Form 3160-4 si been completed and	markers and zones. within 30 days hall be filed once
14. I hereby certify that the foregoing is true an Name (Printed Typed)	d correct		1			
Carla Christian			Title	Sr. Reg	ulatory Special	IST
Signature ()	ustian		Date	4/21/20		
THIS	SPACE FOR FEDE	RAL OR STATE	OFFICE	USE		
						D-4-
Approved by			Title			Date
Conditions of approval, if any, are attached certify that the applicant holds legal or ed which would entitle the applicant to conduct	quitable title to those rights	nes not warrant or in the subject lease	Office			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED APR 2 4 2006

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

Well Name:		
•	Section 33-10S-20E, 1214' FSL & 356' FWL rmit Issued to: Dominion Exploration & Pr Permit Issued: 5/17/2005	oduction, Inc.
above, hereby	ned as owner with legal rights to drill on to verifies that the information as submitte lication to drill, remains valid and does no	d in the previously
Following is a verified.	checklist of some items related to the ap	plication, which should be
•	rivate land, has the ownership changed, en updated? Yes□No□	if so, has the surface
•	s been drilled in the vicinity of the proposersiting requirements for this location? Ye	
	n any unit or other agreements put in pla peration of this proposed well? Yes□ No	
	en any changes to the access route incloculd affect the proposed location? Yes	
Has the appro-	ved source of water for drilling changed?	? Yes□ No☑
	en any physical changes to the surface l uire a change in plans from what was dis es□No☑	
Is bonding still	in place, which covers this proposed we	ell? Yes⊠No□
Signature	Unistian	4/21/2006 Date
Title: Sr. Regul	atory Specialist	
Representing:	Dominion Exploration & Production, Inc.	RECEIVE
		ロトヘト・

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor	npany:	DOMIN	NION E	XPL & P	ROD INC		
Well Name:_		HCU 13	3-33F				· · · · <u>~ · · · · · · · · · · · · · · ·</u>
Api No:	43-047-36	685 Lea	se Type	e: <u> </u>	EDERAL	4	
Section 33	_Township_	10S Range	20E	_County_	UINTA	Н	
Drilling Cont	tractor	BILL JR'S)		_RIG #	6	
SPUDDE	D:						
	Date	07/25/06					
	Time	11:30 PM	_				
	How	DRY					
Drilling wi	II Commei	nce:					
Reported by_		PAT WIS	ENER				
Telephone #_		(435) 828-	1455				
Date 07	7/26/2006	Signed	СН	D			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

Dominion Exploration & Production, Inc.

Operator Account Number: N 1095

Address:

14000 Quail Springs Parkway, Suite 600

city Oklahoma City

state Ok zip 73134 Phone Number: _(405) 749-1300

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36685	HCU 13-33F		swsw	33	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date 7/25/2006		Entity Assignment Effective Date		
4B	99999	12829			7/	7/31/06	
Comments:	NVRD				NFIC)ENTI	AL

API Number	Well Name			Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	S	Spud Date		Entity Assignment Effective Date	
Comments:			.]				

Well 3

API Number	Well Name			Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	\$	Spud Date		Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- Other (Explain in 'comments' section)

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JUL 3 1 2006

Signature 7/27/2006 Sr. Regulatory Specialist Title Date

Carla Christian

Name (Please Print)

(5/2000)

Form 3160-5 (August, 1999)

14. I hereby certify that the foregoing is true and correct

Carla Christian

Name (Printed/Typed)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVEI)
OMB No. 1004-013	5
Expires: November 30,	2000

5. Lease Serial No.

U-28203 6. If Indian, Allottee or Tribe Name

				
SUBMERINTRIPLIC	CATES Other Instruction	is on reverse side.		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well				Hill Creek Unit
Oil Well X Gas Well	Other			8. Well Name and No.
2. Name of Operator	<u> </u>			HCU 13-33F
2. Ivalie of Operator	9. API Well No.			
Dominion Exploration & Production				
3a. Address Suite 6	area code)	43-047-36685		
14000 Quail Springs Parkway, O	KC, OK 73134	(405) 749-5263	3	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M.,	or Survey Description)			Natural Buttes
				11. County or Parish, State
1214' FSL & 356' FWL, Sec. 33-1		Uintah, UT		
12. CHECK APPROPRIATE	BOX(ES) TO INDICATI	E NATURE OF NO	TICE, REPO	ORT OR OTHER DATA
TYPE OF SUBMISSION		TYPE O	F ACTION	
Notice of Intent	Acidize	Deepen	Production (St	tart/Resume) Water Shut-Off
	Altering Casing	Fracture Treat	Reclamation	Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete	X Other
	Change Plans	Plug and Abandon	Temporarily A	bandon Spud Well
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposa	
			.	
If the proposal is to deepen directionally Attach the Bond under which the work following completion of the involved operates the string has been completed. Final Attachment that the site is ready for final Spud well 7/25/06. 7/25/06	y or recomplete horizontally, give (swill be performed or provide the erations. If the operation results in pandonment Notices shall be filed I inspection.) For an 12 jts. 13 3/8", 48#	e subsurface locations and Bond No. on file with BL in a multiple completion of only after all requirements, H-40, ST&C CSG	d measured and M/BIA. Required recompletion into including recompletion, including recompletion, set @ 52	ny proposed work and approximate duration thereof. Itrue vertical depths of all pertinent markers and zones. red subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once lamation, have been completed and the operator has 2'. Cemented w/500 sks Class "G", 15.8
ppg, 1.15 yld. Good return	s, 15 bbls cmt to surfac	e. Witnessed by I	BLM rep Ja	mie Sparger.

Signature 8/2/2006 THIS SPACE FOR FEDERAL OR STATE OFFICE USE. Approved by Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease Office which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

> **RECEIVED** AUG 0 7 2006

Title

Sr. Regulatory Specialist

Form 3160-5 (August, 1999),

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

OMB No. 1004-0135	
Expires: November 30, 2000	

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Serial No. 11-28203

SUNDKI NOTIC	ES AND REFURIS	ON WELLS			0-20203			
Do not use this form	for proposals to drill o	r to re-enter an			6. If Indian, Allo	ttee or Tribe Name		
abandoned well. Use	Form 3160-3 (APD) for	r such proposals						
SUBMITINTRIPLIC	AUE = Other Instruction	ns on reverse sidi			7. If Unit or CA/	Agreement, Name and/or No.		
1. Type of Well					Hill Creek	Linit		
Oil Well X Gas Well		8. Well Name an						
2. Name of Operator	HCU 1	2 225						
2. Ivaine of Operator					9. API Well No.	3-331		
Dominion Exploration & Production								
3a. Address Suite 60	a code)	43-047						
14000 Quail Springs Parkway, OKO 4. Location of Well (Footage, Sec., T., R., M., or		(405) 749-52	63		Natura	ol, or Exploratory Area		
Social of Work (1 compe, Sec., 1., 10, 11., of	Tourtey Description)							
1214' FSL & 356' FWL, Sec. 33-10	19 20E				11. County or Pa	•		
1214 1 3L & 330 FWL, 3ec. 33-10	13-20E				Uintah,	O1		
12. CHECK APPROPRIATE B	BOX(ES) TO INDICATI	E NATURE OF N	OTIO	CE, REPO	ORT OR OTH	ER DATA		
TYPE OF SUBMISSION				ACTION				
	Acidize	<u> </u>	一			1		
Notice of Intent	Deepen	_	•	tart/Resume)	Water Shut-Off			
Subsequent Report ,	Fracture Treat New Construction	_	eclamation		Well Integrity			
Subsequent Report	Casing Repair X Change Plans	ecomplete		Other				
Final Abandonment Notice	emporarily A /ater Disposa							
13 Describe Proposed or Completed Operation	Convert to Injection	Plug Back		•				
If the proposal is to deepen directionally on Attach the Bond under which the work we following completion of the involved operatesting has been completed. Final Abandetermined that the site is ready for final in Dominion request permission	vill be performed or provide the ations. If the operation results i ndonment Notices shall be filed aspection.)	Bond No. on file with in a multiple completio only after all requirer	BLM/B n or red nents, i	IA. Requir completion in ncluding recl	red subsequent rej n a new interval, lamation, have be	oorts shall be filed within 30 days a Form 3160-4 shall be filed once en completed and the operator has		
3,000'. Attached is the new						e csg. will now be set at		
o,ooo . Allashou la dia hali	anconorial and anning	pian.	Δα	cepter	d by the			
			Ü	tah Div	ed by the ivision of and Mining			
			O:1	Casa	MO tammes			
		1	-05	DEC	ORD ON			
			"Ul	1 Mine	W. W.			
14. I hereby certify that the foregoing is true and	correct							
Name (Printed/Typed)			ı					
Carla Christian			Title	Sr. Regula	tory Specialist			
Signature (Wha W	untian		Date	8/21/2006				
THIS S	SPACE FOR FEDER	RAL OR STAT	E OI	FICEL	SE	25、2016年2月1日 (1886年1月1日)		
Approved by			TT. 1.1					
Approved by Conditions of approval, if any, are attached.	Approval of this notice dos	Title	e 		Date			
certify that the applicant holds legal or equi which would entitle the applicant to conduct of	itable title to those rights in	Offi	ice					
Title 18 U.S.C. Section 1001 and Title 43 U.S United States any false, fictitious or frauduler						ke to any department or agency of the		

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AUG 2 5 2006

Dominion Exploration & Production Azimuths to True North Magnetic North: 11.75° Dominion -Field: Uintah County, Utah Magnetic Field Strength: 52790nT Dip Angle: 65.88° Date: 8/1/2006 Model: igrf2005 Site: HCU # 13-33F Well: HCU 13-33F Wellpath: Original Hole Plan: Plan #1 O FIELD DETAILS KOP Start Build 3°/100' Uintah County, Utah Utah - Natural Buttes USA Geodetic System: US State Plane Coordinate System 1983 Ellipsoid: GRS 1980 Zone: Utah, Central Zone Magnetic Model: igrf2005 1000 Hold 23.49° System Datum: Mean Sea Level Local North: True North Start drop 3°/100 SITE DETAILS West(-)/East(+) [500ft/in] 2000 HCU # 13-33F Sec.33, 10S, 20E -200 0 200 400 600 200 Site Centre Latitude: 39°53'59.030N Longitude: 109°40'43.220W Hold 0° Ground Level: 5322.00 Positional Uncertainty: 0.00 Convergence: 1.17 South(-)/North(+) [500ft/in] 0 Vertical Point 3000--200 Intermediate Wasatch Tongue -400 PRHI True Vertical Depth [1000ft/in] WELLPATH DETAILS Vertical Point **Uteland Limestone** Original Hole -600 Patterson 12 Est RKB 5340.00ft 4000° Ref. Datum: V.Section Starting From TVD Wasatch Origin +N/-S Origin +E/-W -800 Angle 8000.00 141.129 0.00 0.00 Chapita Wells 5000 WELL DETAILS +N/-S +E/-W Name Easting Northing Latitude Longitude Slot HCU 13-33F 0.00 7137417.25 2151348.52 39°53'59.030N 109°40'43.220W N/A 6000 **Uteland Buttes** FORMATION TOP DETAILS TARGET DETAILS No. TVDPath MDPath Formation Name TVD +N/-S +E/-W Shape 3654.66 4024.66 4184.66 3540.00 3910.00 Wasatch Tongue Vertical Point 2850 00 -512 86 413 49 Point Uteland Limestone 8000.00 -512.86 413.49 4070.00 4990.00 Wasatch Chapita Wells 5104.66 5 6 6215.00 6329 66 **Uteland Buttes** 7140.00 Mesaverde 7000-SECTION DETAILS Sec MD Inc Azi TVD +N/-S +E/-W DLeg **TFace** VSec Target 141.12 141.12 141.12 141.12 141.12 141.12 0.00 540.00 1301.25 2088.72 2850.00 0.00 0.00 141.12 0.00 180.00 141.12 0.00 0.00 158.27 500.51 658.79 0.00 0.00 3.00 0.00 3.00 0.00 0.00 0.00 0.00 0.00 23.49 23.49 0.00 -123.21 -389.64 -512.86 540.00 1323.00 2181.62 0.00 99.34 314.15 413.49 8000 0.00 Vertical Point 0 1000 2000 Vertical Section at 141.12° [1000ft/in] Plan: Plan #1 (HCU 13-33F/Original Hole Date: 8:1/2006 Ryan Energy Technologies 19510 Oil Center Blvd Houston, TX 77073 Ph: 281-443-1414 Fx: 281-443-1676 Oate Ryan The leader in UNITED HOTELINGENET



Ryan Energy Technologied **Planning Report**



Page:

Company: Dominion Exploration & Product

Uintah County, Utah Field: HCU # 13-33F Site:

Well: HCU 13-33F Wellpath: Original Hole Date:

Time: 09:37:42

Co-ordinate(NE) Reference: Well: HCU 13-33F, True North

Vertical (TVD) Reference: Est RKB 5340.0

Section (VS) Reference: Well (0.00N,0.00E,141.12Azi)

Plan:

Field:

Uintah County, Utah

Utah - Natural Buttes

USA

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level Map Zone: Coordinate System:

Utah, Central Zone Well Centre

Geomagnetic Model: igrf2005

Site:

HCU # 13-33F

Sec.33, 10S, 20E

Site Position: From:

Geographic **Position Uncertainty:**

0.00 ft 5322.00 ft

7137417.25 ft Northing: Easting:

2151348.52 ft

Height 5340.00 ft

+N/-S

Latitude: Longitude:

59.030 N 39 53 109 40 43.220 W

North Reference: **Grid Convergence:** True 1.17 deg

0.00 ft

11.75 deg

Mean Sea Level

Well:

Ground Level:

Field Strength:

Vertical Section:

HCU 13-33F

Well Position: +N/-S+E/-W 0.00 ft 0.00 ft 0.00 ft

7137417.25 ft Northing: 2151348.52 ft Easting:

Latitude: Longitude:

Drilled From:

Tie-on Depth:

Declination:

Above System Datum:

Slot Name:

39 53 59.030 N 109 40 43.220 W

Surface

Position Uncertainty:

Wellpath: Original Hole

Current Datum: Magnetic Data:

Est RKB

8000.00

8/1/2006

52790 nT

Depth From (TVD) ft

ft 0.00 +E/-W ft

Mag Dip Angle: 65.88 deg Direction

deg 0.00 141.12

Plan:

Principal:

Plan #1 Yes

Date Composed: Version: Tied-to:

6/15/2006

From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	141.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
540.00	0.00	141.12	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
1323.00	23.49	141.12	1301.25	-123.21	99.34	3.00	3.00	0.00	141.12	
2181.62	23.49	141.12	2088.72	-389.64	314.15	0.00	0.00	0.00	0.00	
2964.66	0.00	141.12	2850.00	-512.86	413.49	3.00	-3.00	0.00	180.00	Vertical Point
8114.66	0.00	141.12	8000.00	-512.86	413.49	0.00	0.00	0.00	141.12	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100f	Build t deg/100f	Turn t deg/100ft	Tool/Comment
540.00	0.00	141.12	540.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP Start Build 3°/100'
600.00	1.80	141.12	599.99	-0.73	0.59	0.94	3.00	3.00	0.00	
700.00	4.80	141.12	699.81	-5.21	4.20	6.70	3.00	3.00	0.00	
800.00	7.80	141.12	799.20	-13.76	11.09	17.67	3.00	3.00	0.00	
900.00	10.80	141.12	897.87	-26.34	21.23	33.83	3.00	3.00	0.00	
1000.00	13.80	141.12	995.57	-42.92	34.60	55.13	3.00	3.00	0.00	
1100.00	16.80	141.12	1092.01	-63.46	51.16	81.51	3.00	3.00	0.00	
1200.00	19.80	141.12	1186.94	-87.90	70.87	112.91	3.00	3.00	0.00	
1300.00	22.80	141.12	1280.10	-116.18	93.67	149.23	3.00	3.00	0.00	
1323.00	23.49	141.12	1301.25	-123.21	99.34	158.27	3.00	3.00	0.00	Hold 23.49°
1400.00	23.49	141.12	1371.87	-147.11	118.60	188.96	0.00	0.00	0.00	
1500.00	23.49	141,12	1463.58	-178.14	143.62	228.82	0.00	0.00	0.00	
1600.00	23.49	141.12	1555.29	-209.17	168.64	268.68	0.00	0.00	0.00	
1700.00	23.49	141.12	1647.01	-240.20	193.66	308.54	0.00	0.00	0.00	
1800.00	23.49	141.12	1738.72	-271.23	218.67	348.40	0.00	0.00	0.00	



Ryan Energy Technologied **Planning Report**



Company: Dominion Exploration & Product

Field: Uintah County, Utah Site:

HCU # 13-33F HCU 13-33F Well: Wellpath: Original Hole

Date: 8/1/2006

Time: 09:37:42

Co-ordinate(NE) Reference: Well: HCU 13-33F, True North

Vertical (TVD) Reference: Est RKB 5340.0

Section (VS) Reference: Plan:

Well (0.00N,0.00E,141.12Azi) Plan #1

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W	VS ft	DLS deg/100ft	Build dea/100ft	Turn dea/100ft	Tool/Comment
00.00	23.49	141.12	1830.43	-302.26	243.69	388.26	0.00	0.00	0.00	V
00.00	23.49	141.12	1922.15	-333.28	268.71	428.12	0.00	0.00	0.00	
00.00	23.49	141.12	2013.86	-364.31	293.73	467.97	0.00	0.00	0.00	
										Ct-+ 00/400
181.62 200.00	23.49 22.94	141.12 141.12	2088.72 2105.61	-389.64 -395.28	314.15 318.69	500.51 507.75	0.00 3.00	0.00 -3.00	0.00 0.00	Start drop 3°/100
.00.00		141.12	2103.01	-393.20	310.09				0.00	
300.00	19.94	141.12	2198.68	-423.73	341.63	544.30	3.00	-3.00	0.00	
100.00	16.94	141.12	2293.53	-448.35	361.48	575.92	3.00	-3.00	0.00	
00.00	13.94	141.12	2389.91	-469.07	378.19	602.54	3.00	-3.00	0.00	
00.00	10.94	141.12	2487.55	-485.84	391.71	624.08	3.00	-3.00	0.00	
00.00	7.94	141.12	2586.19	-498.61	402.00	640.48	3.00	-3.00	0.00	
00.00	4.94	141.12	2685.55	-507.34	409.04	651.69	3.00	-3.00	0.00	
00.00	1.94	141.12	2785.35	-512.01	412.80	657.69	3.00	-3.00	0.00	
64.66	0.00	141.12	2850.00	-512.86	413.49	658.79	3.00	-3.00	0.00	Vertical Point
00.00	0.00	141.12	2885.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	2985.34	-512.86	413.49	658.79	0.00	0.00	0.00	
14.66	0.00	141.12	3000.00	-512.86	413.49	658.79	0.00	0.00	0.00	Intermediate
200.00	0.00	141.12	3085.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	3185.34	-512.86	413.49	658.79	0.00	0.00	0.00	
100.00	0.00	141.12	3285.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	3385.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	3485.34	-512.86	413.49	658.79	0.00	0.00	0.00	
54.66	0.00	141.12	3540.00	-512.86	413.49	658.79	0.00	0.00	0.00	Wasatch Tongue
00.00	0.00	141.12	3585.34	-512.86	413.49	658.79	0.00	0.00	0.00	J
300.00	0.00	141.12	3685.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	3785.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	3885.34	-512.86	413.49	658.79	0.00	0.00	0.00	
24.66	0.00	141.12	3910.00	-512.86	413.49	658.79	0.00	0.00	0.00	Uteland Limestone
00.00	0.00	141.12	3985.34	-512.86	413.49	658.79	0.00	0.00	0.00	
84.66	0.00	141.12	4070.00	-512.86	413.49	658.79	0.00	0.00	0.00	Wasatch
200.00	0.00	141.12	4085.34	-512.86	413.49	658.79	0.00	0.00	0.00	
300.00	0.00	141.12	4185.34	-512.86	413.49	658.79	0.00	0.00	0.00	
100.00	0.00	141.12	4285.34	-512.86	413.49	658.79	0.00	0.00	0.00	
500.00	0.00	141.12	4385.34	-512.86	413.49	658.79	0.00	0.00	0.00	
800.00	0.00	141.12	4485.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	4585.34	-512.86	413.49	658.79	0.00	0.00	0.00	
300.00	0.00	141.12	4685.34	-512.86	413.49	658.79	0.00	0.00	0.00	
90.00	0.00	141.12	4785.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	4885.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	4985.34	-512.86	413.49	658.79	0.00	0.00	0.00	
04.66	0.00	141.12	4990.00	-512.86	413.49	658.79	0.00	0.00	0.00	Chapita Wells
200.00	0.00	141.12	5085.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	5185.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	5285.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	5385.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	5485.34	-512.86	413.49	658.79	0.00	0.00	0.00	
							•			
00.00	0.00 0.00	141.12 141.12	5585.34 5685.34	-512.86 -512.86	413.49 413.49	658.79 658.79	0.00 0.00	0.00	0.00	
00.00								0.00	0.00	
00.00	0.00	141.12	5785.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	5885.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	5985.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	6085.34	-512.86	413.49	658.79	0.00	0.00	0.00	
00.00	0.00	141.12	6185.34	-512.86	413.49	658.79	0.00	0.00	0.00	
29.66	0.00	141.12	6215.00	-512.86	413.49	658.79	0.00	0.00	0.00	Uteland Buttes
00.00	0.00	141.12	6285.34	-512.86	413.49	658.79	0.00	0.00	0.00	



Ryan Energy Technologied **Planning Report**



Company: Dominion Exploration & Product

Uintah County, Utah HCU # 13-33F Field: Site:

Well: HCU 13-33F Wellpath: Original Hole Date: 8/1/2006

Time: 09:37:42

Co-ordinate(NE) Reference: Well: HCU 13-33F, True North

Vertical (TVD) Reference: Est RKB 5340.0

Well (0.00N,0.00E,141.12Azi) Plan #1

Section (VS) Reference: Plan:

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100f	Build t deg/1001	Turn ft deg/100ft	Tool/Comment
6500.00	0.00	141.12	6385.34	-512.86	413.49	658.79	0.00	0.00	0.00	
6600.00	0.00	141.12	6485.34	-512.86	413.49	658.79	0.00	0.00	0.00	
6700.00	0.00	141.12	6585.34	-512.86	413.49	658.79	0.00	0.00	0.00	
6800.00	0.00	141.12	6685.34	-512.86	413.49	658.79	0.00	0.00	0.00	
6900.00	0.00	141.12	6785.34	-512.86	413.49	658.79	0.00	0.00	0.00	
7000.00	0.00	141.12	6885.34	-512.86	413.49	658.79	0.00	0.00	0.00	
7100.00	0.00	141.12	6985.34	-512.86	413.49	658.79	0.00	0.00	0.00	
7200.00	0.00	141.12	7085.34	-512.86	413.49	658.79	0.00	0.00	0.00	
7254.66	0.00	141.12	7140.00	-512.86	413.49	658.79	0.00	0.00	0.00	Mesaverde
7300.00	0.00	141.12	7185.34	-512.86	413.49	658.79	0.00	0.00	0.00	
7400.00	0.00	141.12	7285.34	-512.86	413.49	658.79	0.00	0.00	0.00	
7500.00	0.00	141.12	7385.34	-512.86	413.49	658.79	0.00	0.00	0.00	
7600.00	0.00	141.12	7485.34	-512.86	413.49	658.79	0.00	0.00	0.00	
7700.00	0.00	141.12	7585.34	-512.86	413.49	658.79	0.00	0.00	0.00	
7800.00	0.00	141.12	7685.34	-512.86	413.49	658.79	0.00	0.00	0.00	
7900.00	0.00	141.12	7785.34	-512.86	413.49	658.79	0.00	0.00	0.00	
8000.00	0.00	141.12	7885.34	-512.86	413.49	658.79	0.00	0.00	0.00	
8100.00	0.00	141.12	7985.34	-512.86	413.49	658.79	0.00	0.00	0.00	
8114.66	0.00	141.12	8000.00	-512.86	413.49	658.79	0.00	0.00	0.00	PBHL

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	< Latitude> Deg Min Sec	< Longitude> Deg Min Sec
Vertical Point -Plan hit target			2850.00	-512.86	413.49	7136912.912	2151772.37	39 53 53.961 N	109 40 37.914 W
PBHL -Plan hit target			8000.00	-512.86	413.49	7136912.912	2151772.37	39 53 53.961 N	109 40 37.914 W

Casing Points

MD	TVD	Diameter	Hole Size	Name
ft	ft	in	in	
3114.66	3000.00	9.625	9.625	Intermediate

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3654.66	3540.00	Wasatch Tongue		0.00	0.00
4024.66	3910.00	Uteland Limestone		0.00	0.00
4184.66	4070.00	Wasatch		0.00	0.00
5104.66	4990.00	Chapita Wells		0.00	0.00
6329.66	6215.00	Uteland Buttes		0.00	0.00
7254.66	7140.00	Mesaverde		0.00	0.00

Annotation

MD ft	TVD ft	
540.00	540.00	KOP Start Build 3°/100'
1323.00	1301.25	Hold 23.49°
2181.62	2088.72	Start drop 3°/100
2964.66	2850.00	Hold 0°

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

HCU 13-33F

SHL: 1214' FSL & 356' FWL Section 33-10S-20E

BHL: 700' FSL & 800' FWL Section 33-10S-20E

Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,540
Uteland Limestone	3,910'
Wasatch	4,070
Chapita Wells	4,990'
Uteland Buttes	6,215'
Mesaverde	7.140

3. ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL, GAS OR MINERALS

Formation	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,540'	Oil
Uteland Limestone	3,910'	Oil
Wasatch	4,070'	Gas
Chapita Wells	4,990'	Gas
Uteland Buttes	6,215'	Gas
Mesaverde	7,140	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	Size	Weight	Grade	Conn.	Top	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0,	3,000	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0,	8,000	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

<u>Production hole</u>: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5 .	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	Mud Weight (ppg)	Mud System
0' - 500'	8.4	Air foam mist, no pressure control
500' – 3,000'	8.6	Fresh water, rotating head and diverter
3,000' - 8,000'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

APPROVAL OF OPERATIONS

12. **CEMENT SYSTEMS**

Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

Intermediate Casing Cement:

- Drill 12-1/4" hole to 3,000'+, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

					<u>Hole</u>	Cement	
Type	<u>Sacks</u>	<u>Interval</u>	Density	Yield	<u>Volume</u>	Volume	Excess
Lead	347	0'-2,500'	11.0 ppg	4.14 CFS	821 CF	1,437 CF	75%
Tail	254	2,500'-3,000'	15.6 ppg	1.20 CFS	174 CF	305 CF	75%

Lead Mix:

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield:

3.82 cf/sack

Slurry weight:

11.00 #/gal.

Water requirement: 22.95 gal/sack

Compressives (a) 130°F: 157 psi after 24 hours

Tail Mix:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.

1 hr. 5 min. @ 90 °F. Compressives @ 95 °F: 24 Hour is 4,700 psi

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,000'+, run and cement 5 1/2".
- Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
- Displace with 3% KCL.

					Hole	Cement	
<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	Density	<u>Yield</u>	<u>Volume</u>	<u>Volume</u>	Excess
Lead	90	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4,500'-8,000'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

Note: Caliper will be run to determine exact cement volume.

Lead Mix:

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry vield:

3.12 cf/sack

Slurry weight:

11.60 #/gal.

Water requirement:

17.71 gal/sack

Compressives (a) 130°F: 157 psi after 24 hours

Tail Mix:

Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5.

Slurry yield:

1.75 cf/sack

Slurry weight:

13.00 #/gal.

Water requirement:

9.09 gal/sack

Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date:

July 1, 2006

Duration:

14 Days

Form 3160-5 (August, 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

FORM APPROVED
OMB No. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.	
11-28203	

6. If Indian, Allottee or Tribe Name

abandoned well. Use	e Form 3160-3 (APD) fo	r such proposals.		
SUDMITTN TROPA	CATE - Other Instruction	ns on reverse side		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well	_			Hill Creek Unit
Oil Well X Gas Well	Other			8. Well Name and No.
2. Name of Operator				HCU 13-33F
Dominion Exploration & Production	on. Inc.			9. API Well No.
3a. Address		3b. Phone No. (include	le area code)	43-047-36685
14000 Quail Springs Pkwy, Ste 6	00, OKC, OK 73134	(405) 749-523	37 [*]	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M.	, or Survey Description)	<u> </u>		Natural Buttes
SHL: 1214' FSL & 356' FWL, SW	SW, Sec. 33-10S-20E			11. County or Parish, State
BHL: 700' FSL & 800' FWL, SW :	SW, Sec. 33-10S-20E			
				Uintah, UT
12. CHECK APPROPRIATE	BOX(ES) TO INDICAT	E NATURE OF N	OTICE, REPO	ORT OR OTHER DATA
TYPE OF SUBMISSION		TYPE	OF ACTION	
X Notice of Intent	Acidize	Deepen	Production (St	art/Resume) Water Shut-Off
_	Altering Casing	Fracture Treat	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete	Other
	X Change Plans	Plug and Abandon	Temporarily At	pandon
Final Abandonment Notice	Convert to Injection Plug Back Water Disposal			I
If the proposal is to deepen directionally Attach the Bond under which the work following completion of the involved op-	v or recomplete horizontally, given will be performed or provide the erations. If the operation results pandonment Notices shall be filec	e subsurface locations a e Bond No. on file with B in a multiple completion	and measured and BLM/BIA. Requir or recompletion in	nv proposed work and approximate duration thereof. true vertical depths of all pertinent markers and zones. ed subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once amation, have been completed and the operator has
Dominion requests permiss Attached is the new direction		ctional plan slightl	y. The interm	nediate casing will now be set at 3077'.
		On, G	epted by h Division as and Mi	Dina

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	1		
Barbara Lester	Title	Regulatory Specialist	
Signature Rahawa Kelom	Date	2/26/2007	
Approved by	Title		Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

> RECEIVED FEB 2 7 2007

DIRECTIONAL DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

HCU 13-33F

SHL: 1214' FSL & 356' FWL, Sec. 33-10S-20E BHL: 700' FNL & 800' FEL, Sec. 33-10S-20E

Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

2. <u>ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS</u>

<u>Formation</u>	Depth (MD)		
Wasatch Tongue	3,662'		
Uteland Limestone	4,032'		
Wasatch	4,192'		
Chapita Wells	5,112'		
Uteland Buttes	6,337'		
Mesaverde	7,262'		

3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL</u>, GAS OR MINERALS

<u>Formation</u>	Depth (MD)	Type
Wasatch Tongue	3,662'	Oil
Uteland Limestone	4,302'	Oil
Wasatch	4,192'	Gas
Chapita Wells	5,112'	Gas
Uteland Buttes	6,337'	Gas
Mesaverde	7,262'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	<u>Size</u>	Weight	<u>Grade</u>	Conn.	<u>Top</u>	Bottom (MD)	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0,	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	3,077	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,122'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

<u>Production hole</u>: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

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APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set..

All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

Depths (MD)	Mud Weight (ppg)	Mud System
0' - 500'	8.4	Air foam mist, no pressure control
500' - 3,077'	8.6	Fresh water, rotating head and diverter
3,077' - 8,122'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- · No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

- a. Surface Cement:
 - Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.
- b. Intermediate Casing Cement:
 - Drill 12-1/4" hole to 3,077' (MD) ±, run and cement 9-5/8" to surface.
 - Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
 - Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
 - Cement to surface not required due to surface casing set deeper than normal.

					<u>Hole</u>	Cement
<u>Type</u>	<u>Sacks</u>	Interval (MD)	Density	Yield	<u>Volume</u>	<u>Volume</u>
Lead	357	0'-2,577'	10.5 ppg	4.14 CFS	845 CF	1,479 CF
Tail	254	2,577'-3,077'	15.6 ppg	1.2 CFS	174 CF	304 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield: 4.14 cf/sack Slurry weight: 10.5 #/gal.

Water requirement: 26.07 gal/sack Compressives @ 110°F: 72 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.

Slurry yield: 1.20 cf/sack Slurry weight: 15.6 #/gal.

Pump Time: 1 hr. 5 min. (2) 110 °F.

Compressives @ 110 °F: 2,500 psi after 24 hours

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,122' (MD) +, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

					<u>Hole</u>	Cement
Type	Sacks	Interval (MD)	Density	Yield	<u>Volume</u>	<u>Volume</u>
Lead	90	3,392'-4,192'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	780	4,192'-8,122'	13.0 ppg	1.75 CFS	681 CF	1362 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch + 15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.

Water requirement: 17.71 gal/sack Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5.

Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.

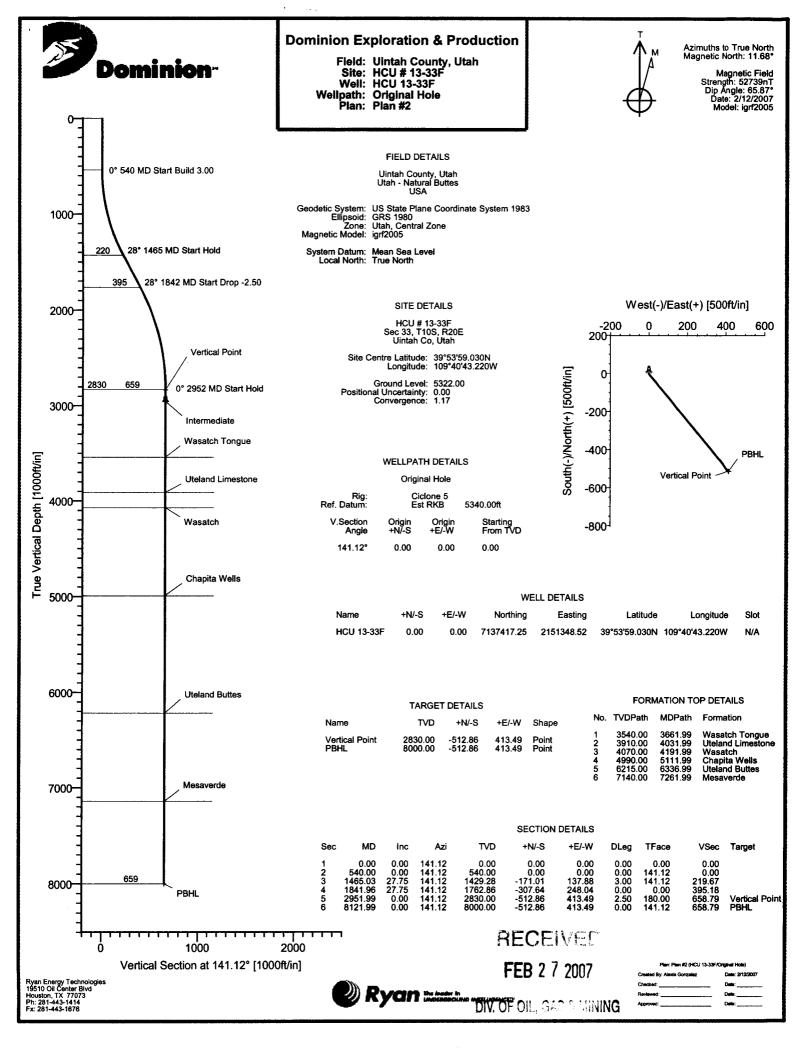
Water requirement: 9.09 gal/sack

Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: June 26, 2007

Duration: 14 Days





Ryan Energy Technologies Planning Report



Page:

1

Dominion Exploration & Product Company:

Uintah County, Utah Field: HCU # 13-33F HCU 13-33F Well:

2/12/2007 Co-ordinate(NE) Reference:

Time: 16:08:10 Well: HCU 13-33F, True North

Est RKB 5340.0 Vertical (TVD) Reference:

Well (0.00N,0.00E,141.12Azi)

Section (VS) Reference: Plan:

Plan #2

Original Hole Uintah County, Utah Field:

Utah - Natural Buttes

USA

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level Map Zone: Coordinate System: Geomagnetic Model: Utah, Central Zone

Well Centre igrf2005

HCU # 13-33F Site:

Sec 33, T10S, R20E

+N/-S

Uintah Co, Utah

Site Position: Geographic From: **Position Uncertainty:**

Northing: 7137417.25 ft Easting: 2151348.52 ft Latitude: Longitude:

39 53 59.030 N 43.220 W 109 40

North Reference: **Grid Convergence:**

Slot Name:

True 1.17 deg

Well:

Ground Level:

Well Position:

Wellpath:

HCU 13-33F

Northing:

Easting:

0.00 ft

5322.00 ft

7137417.25 ft Latitude: 2151348.52 ft Longitude:

53 59.030 N 39 43.220 W 40 109

+E/-W **Position Uncertainty:**

Wellpath: Original Hole

0.00 ft 0.00 ft 0.00 ft

Drilled From:

Surface

0.00 ft

Current Datum: Magnetic Data:

Est RKB

ft

0.00

Height 5340.00 ft

0.00

Tie-on Depth: **Above System Datum:**

Mean Sea Level

Field Strength: **Vertical Section:**

2/12/2007 52739 nT Depth From (TVD)

Declination: Mag Dip Angle: 11.68 deg 65.87 deg

+N/-S+E/-W ft

ft

Direction deg

141.12 0.00

Plan:

Principal:

Plan #2 Yes

Date Composed: Version:

Tied-to:

2/12/2007

From Surface

Plan Section Information

MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100f	t deg/100f	t deg/100ft	deg	
0.00 540.00 1465.03 1841.96 2951.99 8121.99	0.00 0.00 27.75 27.75 0.00 0.00	141.12 141.12 141.12 141.12 141.12 141.12	0.00 540.00 1429.28 1762.86 2830.00 8000.00	0.00 0.00 -171.01 -307.64 -512.86 -512.86	0.00 0.00 137.88 248.04 413.49 413.49	0.00 0.00 3.00 0.00 2.50 0.00	0.00 0.00 3.00 0.00 -2.50 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 141.12 141.12 0.00 180.00 141.12	Vertical Point PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100f	Build t deg/1001	Turn ft deg/100ft	Tool/Comment
540.00	0.00	141.12	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	1.80	141.12	599.99	-0.73	0.59	0.94	3.00	3.00	0.00	
700.00	4.80	141.12	699.81	-5.21	4.20	6.70	3.00	3.00	0.00	
800.00	7.80	141.12	799.20	-13.76	11.09	17.67	3.00	3.00	0.00	
900.00	10.80	141.12	897.87	-26.34	21.23	33.83	3.00	3.00	0.00	
1000.00	13.80	141.12	995.57	-42.92	34.60	55.13	3.00	3.00	0.00	
1100.00	16.80	141.12	1092.01	-63.46	51.16	81.51	3.00	3.00	0.00	
1200.00	19.80	141.12	1186.94	-87.90	70.87	112.91	3.00	3.00	0.00	
1300.00	22.80	141.12	1280.10	-116.18	93.67	149.23	3.00	3.00	0.00	
1400.00	25.80	141.12	1371.23	-148.21	119.49	190.38	3.00	3.00	0.00	
1465.03	27.75	141.12	1429.28	-171.01	137.88	219.67	3.00	3.00	0.00	
1500.00	27.75	141.12	1460.23	-183.69	148.10	235.96	0.00	0.00	0.00	
1600.00	27.75	141.12	1548.73	-219.94	177.32	282.52	0.00	0.00	0.00	
1700.00	27.75	141.12	1637.23	-256.19	206.55	329.08	0.00	0.00	0.00	
1800.00	27.75	141.12	1725.73	-292.44	235.77	375.64	0.00	0.00	0.00	



Ryan Energy Technologies Planning Report

Plan:



Company: **Dominion Exploration & Product**

Uintah County, Utah

HCU # 13-33F HCU 13-33F Site: Well: Wellpath: Original Hole

Field:

Date: 2/12/2007

Time: 16:08:10

Well: HCU 13-33F, True North Co-ordinate(NE) Reference: Est RKB 5340.0

Vertical (TVD) Reference: Section (VS) Reference:

Well (0.00N,0.00E,141.12Azi) Plan #2

Page:

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weupatn:	Original H	Ole				an:		Plan #2		
Survey										
	T 1		(TT /T)	LDI/ C	. 27/ 38/	1/0	DIG	B 01		- va
MD	Incl	Azim	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build	Turn	Tool/Comment
ft	deg	deg	11.		п	11.	deg/ roon	deg/100it	aeg/ roon	
1841.96	27.75	141.12	1762.86	-307.64	248.04	395.18	0.00	0.00	0.00	
1900.00	26.30	141.12	1814.56	-328.18	264.59	421.55	2.50	-2.50	0.00	
2000.00	23.80	141.12	1905.15	-361.14	291.16	463.89	2.50	-2.50	0.00	
2100.00	21.30	141.12	1997.50	-390.99	315.23	502.24	2.50	-2.50	0.00	
2200.00	18.80	141.12	2091.43	-417.67	336.75	536.52	2.50	-2.50	0.00	
1 2200.00	. 5.00		2001110		0000	000.02	2.00		0.00	
2300.00	16.30	141.12	2186.77	-441.15	355.67	566.67	2.50	-2.50	0.00	
2400.00	13.80	141.12	2283.33	-461.36	371.97	592.63	2.50	-2.50	0.00	
2500.00	11.30	141.12	2380.93	-478.27	385.61	614.36	2.50	-2.50	0.00	
2600.00	8.80	141.12	2479.39	-491.86	396.56	631.81	2.50	-2.50	0.00	
2700.00	6.30	141.12	2578.51	-502.09	404.80	644.95	2.50	-2.50	0.00	
	0.00		2010.01	002.00					0.00	
2800.00	3.80	141.12	2678.12	-508.94	410.33	653.75	2.50	-2.50	0.00	
2900.00	1.30	141.12	2778.01	-512.40	413.12	658.20	2.50	-2.50	0.00	
2951.99	0.00	141.12	2830.00	-512.86	413.49	658.79	2.50	-2.50	0.00	Vertical Point
3000.00	0.00	141.12	2878.01	-512.86	413.49	658.79	0.00	0.00	0.00	vertical Follit
3076.99	0.00	141.12	2955.00	-512.86	413.49	658.79	0.00	0.00	0.00	Intermediate
3076.99	0.00	141.12	2900.00	-J 12.00	413.43	000.19	0.00	0.00	0.00	menmenate
3100.00	0.00	141.12	2978.01	-512.86	413.49	658.79	0.00	0.00	0.00	
3200.00	0.00	141.12	3078.01	-512.86	413.49	658.79	0.00	0.00	0.00	
3300.00	0.00	141.12		-512.86 -512.86	413.49	658.79	0.00	0.00	0.00	
			3178.01							
3400.00	0.00	141.12	3278.01	-512.86 -512.86	413.49 413.49	658.79	0.00	0.00 0.00	0.00 0.00	
3500.00	0.00	141.12	3378.01	-512.00	413.49	658.79	0.00	0.00	0.00	
2000.00	0.00	444.40	0470.04	E40.00	440.40	050.70	0.00	0.00	0.00	
3600.00	0.00	141.12	3478.01	- 512.86	413.49	658.79	0.00	0.00	0.00	
3661.99	0.00	141.12	3540.00	-512.86	413.49	658.79	0.00	0.00	0.00	Wasatch Tongue
3700.00	0.00	141.12	3578.01	-512.86	413.49	658.79	0.00	0.00	0.00	
3800.00	0.00	141.12	3678.01	-512.86	413.49	658.79	0.00	0.00	0.00	
3900.00	0.00	141.12	3778.01	-512.86	413.49	658.79	0.00	0.00	0.00	
4000.00	0.00	444.40	0070.04	E40.00	440.40	050.70	0.00	0.00	0.00	
4000.00	0.00	141.12	3878.01	-512.86	413.49	658.79	0.00	0.00	0.00	
4031.99	0.00	141.12	3910.00	-512.86	413.49	658.79	0.00	0.00	0.00	Uteland Limestone
4100.00	0.00	141.12	3978.01	-512.86	413.49	658.79	0.00	0.00	0.00	
4191.99	0.00	141.12	4070.00	-512.86	413.49	658.79	0.00	0.00	0.00	Wasatch
4200.00	0.00	141.12	4078.01	-512.86	413.49	658.79	0.00	0.00	0.00	
		444.40	4470.04	540.00	440.40	050 70	0.00		0.00	
4300.00	0.00	141.12	4178.01	-512.86	413.49	658.79	0.00	0.00	0.00	
4400.00	0.00	141.12	4278.01	-512.86	413.49	658.79	0.00	0.00	0.00	
4500.00	0.00	141.12	4378.01	-512.86	413.49	658.79	0.00	0.00	0.00	
4600.00	0.00	141.12	4478.01	-512.86	413.49	658.79	0.00	0.00	0.00	
4700.00	0.00	141.12	4578.01	-512.86	413.49	658.79	0.00	0.00	0.00	
4000.00	0.00	444.40	4070.04	E40.00	440 40	050.70	0.00	0.00	0.00	
4800.00	0.00	141.12	4678.01	-512.86	413.49	658.79	0.00	0.00	0.00	
4900.00	0.00	141.12	4778.01	-512.86	413.49	658.79	0.00	0.00	0.00	
5000.00	0.00	141.12	4878.01	-512.86	413.49	658.79	0.00	0.00	0.00	
5100.00	0.00	141.12	4978.01	-512.86	413.49	658.79	0.00	0.00	0.00	Ob == '4= 184+1'
5111.99	0.00	141.12	4990.00	-512.86	413.49	658.79	0.00	0.00	0.00	Chapita Wells
		446.5		E40.00	446.45	050 50	0.00	0.00	0.00	
5200.00	0.00	141.12	5078.01	-512.86	413.49	658.79	0.00	0.00	0.00	
5300.00	0.00	141.12	5178.01	-512.86	413.49	658.79	0.00	0.00	0.00	
5400.00	0.00	141.12	5278.01	-512.86	413.49	658.79	0.00	0.00	0.00	
5500.00	0.00	141.12	5378.01	-512.86	413.49	658.79	0.00	0.00	0.00	
5600.00	0.00	141.12	5478.01	-512.86	413.49	658.79	0.00	0.00	0.00	
l										
5700.00	0.00	141.12	5578.01	-512.86	413.49	658.79	0.00	0.00	0.00	
5800.00	0.00	141.12	5678.01	-512.86	413.49	658.79	0.00	0.00	0.00	
5900.00	0.00	141.12	5778.01	-512.86	413.49	658.79	0.00	0.00	0.00	
6000.00	0.00	141.12	5878.01	-512.86	413.49	658.79	0.00	0.00	0.00	
6100.00	0.00	141.12	5978.01	-512.86	413.49	658.79	0.00	0.00	0.00	
6200.00	0.00	141.12	6078.01	-512.86	413.49	658.79	0.00	0.00	0.00	
6300.00	0.00	141.12	6178.01	-512.86	413.49	658.79	0.00	0.00	0.00	i
6336.99	0.00	141.12	6215.00	-512.86	413.49	658.79	0.00	0.00	0.00	Uteland Buttes
6400.00	0.00	141.12	6278.01	-512.86	413.49	658.79	0.00	0.00	0.00	l



Ryan Energy Technologies Planning Report



Page:

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Company: Dominion Exploration & Product

Field: Uintah County, Utah
Site: HCU # 13-33F
Well: HCU 13-33F
Wellpath: Original Hole

Date: 2/12/2007

Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference:

Time: 16:08:10

Well: HCU 13-33F, True North

Est RKB 5340.0 Well (0.00N,0.00E,141.12Azi)

Plan: Plan #2

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100f	Build t deg/100	Turn ft deg/100ft	Tool/Comment
6500.00	0.00	141.12	6378.01	-512.86	413.49	658.79	0.00	0.00	0.00	
6600.00	0.00	141.12	6478.01	-512.86	413.49	658.79	0.00	0.00	0.00	
6700.00	0.00	141.12	6578.01	-512.86	413.49	658.79	0.00	0.00	0.00	
6800.00	0.00	141.12	6678.01	-512.86	413.49	658.79	0.00	0.00	0.00	
6900.00	0.00	141.12	6778.01	-512.86	413.49	658.79	0.00	0.00	0.00	
7000.00	0.00	141.12	6878.01	-512.86	413.49	658.79	0.00	0.00	0.00	
7100.00	0.00	141.12	6978.01	-512.86	413.49	658.79	0.00	0.00	0.00	
7200.00	0.00	141.12	7078.01	-512.86	413.49	658.79	0.00	0.00	0.00	
7261.99	0.00	141.12	7140.00	-512.86	413.49	658.79	0.00	0.00	0.00	Mesaverde
7300.00	0.00	141.12	7178.01	-512.86	413.49	658.79	0.00	0.00	0.00	
7400.00	0.00	141.12	7278.01	-512.86	413.49	658.79	0.00	0.00	0.00	
7500.00	0.00	141.12	7378.01	-512.86	413.49	658.79	0.00	0.00	0.00	
7600.00	0.00	141.12	7478.01	-512.86	413.49	658.79	0.00	0.00	0.00	
7700.00	0.00	141.12	7578.01	-512.86	413.49	658.79	0.00	0.00	0.00	
7800.00	0.00	141.12	7678.01	-512.86	413.49	658.79	0.00	0.00	0.00	
7900.00	0.00	141.12	7778.01	-512.86	413.49	658.79	0.00	0.00	0.00	
8000.00	0.00	141.12	7878.01	-512.86	413.49	658.79	0.00	0.00	0.00	
8100.00	0.00	141.12	7978.01	-512.86	413.49	658.79	0.00	0.00	0.00	
8121.99	0.00	141.12	8000.00	-512.86	413.49	658.79	0.00	0.00	0.00	PBHL

T	ar	œ	el	b

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	< Latitude> Deg Min Sec	< Longitude> Deg Min Sec
Vertical Point			2830.00	-512.86	413.49	7136912.912	151772.37	39 53 53.961 N	109 40 37.914 W
-Plan hit targe PBHL -Plan hit targe			8000.00	-512.86	413.49	7136912.912	151772.37	39 53 53.961 N	109 40 37.914 W

Casing Points

Casing 1 on				 		
MD	TVD	Diameter	Hole Size	Name		
ft	ft	in	in		 	
3076.99	2955.00	9.625	9.625	Intermediate		

Formations

MID ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3661.99 4031.99	3540.00 3910.00	Wasatch Tongue Uteland Limestone		0.00 0.00	0.00 0.00
4191.99 5111.99	4070.00 4990.00	Wasatch Chapita Wells		0.00 0.00 0.00	0.00 0.00 0.00
6336.99 7261.99	6215.00 7140.00	Uteland Buttes Mesaverde		0.00	0.00

From: Dominion Resources To: Utah Division of Oil, Gas & Mining

Date: 3/14/2007 Time: 5:12:06 PM

Page 1 of 3

FACSIMILE COVER PAGE

Utah Division of Oil, Gas & Mining To:

3/14/2007 at 4:02:54 PM Sent:

HCU 13-33F Subject:

From: Pages: g

3 (including Cover)

43-047-36685 33 los 20e

> **RECEIVED** MAR 1 4 2007

Page: 1



WELL CHRONOLOGY REPORT

WELL NAME: HCU 13-33F

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

COUNTY & STATE: UINTAH

LOCATION: 1214' FSL 356' FWL SEC 33 T 10S R 20E

WI %: 100.00 AFE #: 0602708

API#: 43-047-36685

CONTRACTOR: PLAN DEPTH: 8.067

Event No: 1

SPUD DATE: 07/25/06

DHC: \$800,500

CWC: \$658,500

AFE TOTAL: \$1,459,000

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$936,627.00

EVENT CC: \$0.00

EVENT TC: \$936,627.00

WELL TOTL COST: \$936,627

REPORT DATE: 03/07/07

MD: 2,899

TVD: 2.779

DAYS:

MW:9.5

VISC: 36

DAILY: DC: \$76,620.00

CC:\$0.00

TC: \$76,620.00

CUM: DC: \$447,389.00

CC: \$0.00

TC: \$447,389.00

DAILY DETAILS: DIREC DRLG F/ 2845 TO 2899 COND MUD AND CIRC TOOH LD 8" TOOLS RU CSG CREW RUN 2821' OF 9 5/8 J-55, 36#, ST&C 8RD CSG TO 2821 KB CEMENT CSG W/ 400 SKS OF LEAD W/ 16% GEL, 10#/SK GILSONITE, 3#/SK GR-3, 3% SALT, 1/4#/SK FLOCELE, 11 PPG, 3.82 CUFT/SK, 23 GAL WATER/SK, FOLLOWED BY 250 SKS OF TAIL W/2% CALC CHLORIDE, 1/4#/SK FLOCELE, 15.8 PPG, 1.15 CUFT/SK, 5 GAL WATER/SK FLOATS HELD

70 BBLS CEMENT TO SURFACE WOC

REPORT DATE: 03/08/07

MD: 3,266

TVD: 3,146

DAYS:

MW:8.5

VISC: 26

DAILY: DC: \$118,290.00

CC:\$0.00

TC:\$118,290.00

CUM: DC: \$565,679.00

CC: \$0.00

TC: \$565 679 00

DAILY DETAILS: WOC ND DIVERTER INSTALL WELLHEAD NU BOPE TEST BOPE PU BHA & DP DRLG CEMENT FLT AND SHOE

DRLG F/ 2899 TO 3266

REPORT DATE: 03/09/07

MD: 5,420

TVD: 5,300

DAYS:

MW:8.6

VISC: 26

DAILY: DC: \$36.840.00

CC:\$0.00

TC:\$36.840.00

CUM: DC: \$602,519.00

CC: \$0.00

TC: \$602,519.00

DAILY DETAILS: DRLG F/ 3266 TO 3392 SURVEY DIR DRLR FORGOT FLUID DRLG F/ 3392 TO 3424 SURVEY @ 3340 2.5 DEG @ 215 AZ DRLG F/ 3424 TO 4089 RIG SERVICE DRLG F/ 4089 TO 4406 SURVEY @ 4342 2 DEG @ 200 AZ DRLG F/

4406 TO 5420 SURVEY @ 5330

REPORT DATE: 03/10/07

MD: 7,198

TVD:7,098

DAYS: 8

MW:8.6

VISC: 26

DAILY: DC: \$38,860.00

CC:\$0.00

TC:\$38,860.00

CUM: DC: \$641,379.00

CC: \$0.00

TC: \$641,379.00

DAILY DETAILS: DRLG FROM 5420 TO A DEPTH OF 6247', W/ 18K WOB & 45 RPMS, RIG SERVICE & BOP DRILL DRLG FROM 6247' TO A DPETH OF 6407'. W/ 18K WOB & 45 RPMS. WIRELINE SURVEY @ 6304' = 1.75* & 157 AZ. DRLG FROM 6407' TO A DPETH OF 6627'. W/ 18K WOB & 45 RPMS. WORK ON #1 PUMP. DRLG FROM 6627' TO A

DEPTH OF 7198'. W/ 18K WOB & 45 RPMS.

REPORT DATE: 03/11/07

MD: 8,275

TVD: 8,147

DAYS: 9

MW:8.6

VISC: 26

DAILY: DC: \$32,790.00

CC:\$0.00

TC: \$32,790.00

CUM: DC: \$674,169.00

CC: \$0.00

TC: \$674,169.00

DAILY DETAILS: DRLG FROM 7198' TO A DEPTH OF 7388'. W/ 25K WOB & 45 RPMS. WIRELINE SURVEY @ 7296' = 2* & 141 AZ. DRLG FROM 7388' TO A DEPTH OF 7705'. W/ 25K WOB & 45 RPMS. RIG SERVICE & BOP / FIRE DRILL (110 SECS.) DRLG FROM 7705' TO A DEPTH OF 7832'. W/ 25K WOB & 45 RPMS. WIRELINE SURVEY @, 7704' = 2* &

160 AZ DRLG FROM 7832' TO A DEPTH OF 7904'. W/ 25K WOB & 45 RPMS. WORK TIGHT HOLE / STUCK PIPE. DRLG FROM 7904' TO A DEPTH OF 8275'. W/ 25K WOB & 45 RPMS.

REPORT DATE: 03/12/07

MD: 8,275 CC:\$0.00

TVD: 8,147

TC:\$74,037.00

DAYS: 10

CUM: DC: \$748,206.00

MW:9.1

CC: \$0.00

VISC: 38

TC: \$748,206.00

DAILY: DC: \$74,037.00

DAILY DETAILS: CIRCULATE WELL BORE CLEAN, AND TO A 9.1 PPG & 38 VIS. TOH W/ DRILL STRING & BHA, RIG UP SCHLUMBERGER. RUN E-LOGS. LOGGER TD OF 8274'. TIH W/ TRI CONE & BHA, DRILL STRING. BREAK CIRCULATION. WASH 30' TO BTM. CIRCULATE TO A 9.1PPG & 38 VIS. RIG UP LAY DOWN MACHINE. LAY

DOWN DRILL STRING

DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

WELL NAME: HCU 13-33F

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

COUNTY & STATE: UINTAH

CONTRACTOR:

Event No: 1

API#: 43-047-36685

PLAN DEPTH: 8,067

SPUD DATE: 07/25/06

WI %: 100.00 DHC: \$800,500 AFE #: 0602708 CWC: \$658,500

AFE TOTAL: \$1,459,000

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$936,627.00

EVENT CC: \$0.00

EVENT TC: \$936,627.00

WELL TOTL COST: \$936,627

LOCATION: 1214' FSL 356' FWL SEC 33 T 10S R 20E

REPORT DATE: 03/13/07

MD: 8,275

TVD: 8.147

DAYS: 11

MW:

VISC:

Page: 2

DAILY: DC: \$188,421.00

CC:\$0.00

TC:\$188,421.00

CUM: DC: \$936,627.00

CC: \$0.00

TC: \$936,627.00

DAILY DETAILS: LAY DOWN DRILL STRING & BHA. BREAK KELLY. RIG UP CSGN CREW. RUN 196 JT'S 5.5", 17#, M-80 CSGN. SET @ 8243'/KB. BREAK CIRCULATION. RIG DOWN CSGN CREW. RIG UP BIG 4. CEMENT W/ 100 SKS LEAD MIXED @ 11.0 PPG & 3.82 YLD, THEN 625 SKS TAIL MIXED @ 13.0 PPG & 1.85 YLD. WITH GOOD RETURNS. DISPLACE W/ 190 BBLS 2% KCL. NIPPLE DOWN CLEAN PITS. PREPARE TO RIG DOWN. RELEASE RIG @

6:00AM. ON 3-13-07. MOVE TO HCU 15-28F

RECEIVED MAR 1 4 2007

DIV. OF OIL, GAS & MINING

Form 3160-5 (August, 1999);		UNITED STATES MENT OF THE INTE	RIOR			FORM APPROVED OMB No. 1004-0135
	BUREAU	OF LAND MANAGEM	ENT	***		Expires: November 30, 2000
		CES AND REPORTS	VERNAL	FEIVED	5. Lease Se	rial No.
				LIFFO O	FICE-282	203 , Allottee or Tribe Name
	Do not use this form	n for proposals to drill o Form 3160-3 (APD) for	r to replier an	-5 PM 2		, Allottee or Tribe Name
2000012 TWO TWO NEWS 2 . 2 4				-5 PM 3	7 JEI Init o	r CA/Agreement, Name and/or No.
	SCHOLL IN THILTIE	AFE - Other Instruction		THE INTE		_
1. Type of Well			DUKEAUU	FLANDM	GHTHIII C	reek Unit
Oil v	Well X Gas Well	Other			8. Well Na	me and No.
2. Name of Ope	erator				HCU	13-33F
- · · -	- Lordon A.Donaton Br	1			9. API Wel	ll No.
Jominion E	Exploration & Production	on, inc.	3b. Phone No. (inclu	ide area code)	43-04	17-36685
	il Springs Pkwy, Ste 6	00 OKC OK 73134	(405) 749-52			nd Pool, or Exploratory Area
	Well (Footage, Sec., T., R., M.		(400) 140 02	.01	Natur	al Buttes
		SW, Sec. 33-10S-20E			11. County	or Parish, State
	FSL & 800' FWL, SW \$					
					Uinta	h, UT
12. C	HECK APPROPRIATE	BOX(ES) TO INDICAT	E NATURE OF N	NOTICE, RE	PORT OR (OTHER DATA
TYPE	OF SUBMISSION		TYPE	OF ACTIO	N	
X No	tice of Intent	Acidize	Deepen	Production	(Start/Resume)) Water Shut-Off
<u> </u>	and of mon	Altering Casing	Fracture Treat	Reclamatio	,	Well Integrity
☐ Sul	bsequent Report	Casing Repair	New Construction	Recomplete	Ð	X Other
سيا هيا	osoquent resport	Change Plans	Plug and Abandon	Temporaril		APD Extension
Fin	nal Abandonment Notice	Convert to Injection	Plug Back	Water Disp		
If the pro Attach of following testing determin	oposal is to deepen directionall the Bond under which the work of completion of the involved op has been completed. Final Al ned that the site is ready for final	or recomplete horizontally, given will be performed or provide the perations. If the operation results pandonment Notices shall be filed	e subsurface locations e Bond No. on file with in a multiple completic d only after all requirer	and measured a BLM/BIA. Re on or recompletion ments, including	and true vertica quired subsequ in in a new into reclamation, ha	d work and approximate duration thereof. al depths of all pertinent markers and zones. uent reports shall be filed within 30 davs erval, a Form 3160-4 shall be filed once ave been completed and the operator has extension
						RECEIVED
						MAR 1 9 2007
						DIV. OF OIL, GAS & MINING
14 Thombs	rtify that the foregoing is true	and correct				
Name (Prin		ind correct		1	_	
Ba	rbara Lester	1	-	Title	Regu	latory Specialist
Signature	Dailainy	(10a)		Dat	e 1/30/:	2007
	KIII WIIIAO	YX MA	7*************************************		- 1/50//	2007
Approved by	\rightarrow	1		Petro	oleum	Engineer Date FEB 2 6 200

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office

Conditions of approval, if and, are attacked. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

which would entitle the applicant to conduct operations thereon.



Approved by

CONDITIONS OF APPROVAL

Dominion Exploration & Production, Inc.

Notice of Intent APD Extension

Lease:

UTU-28203

Well:

HCU 13-33F

Location:

SWSW Sec 33-T10S-R20E

An extension for the referenced APD is granted with the following conditions:

1. The extension and APD shall expire on 2/24/08.

2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Ryan Angus of this office at (435) 781-4430

From: Dominion Resources To: Utah Division of Oil, Gas & Mining

Date: 3/22/2007 Time: 12:34:02 PM

Page 1 of 2

FACSIMILE COVER PAGE

To: Utah Division of Oil, Gas & Mining

Sent: 3/22/2007 at 10:55:26 AM

Subject: HCU 13-33F

From: Pages:

g 2 (includit daye)

43-047-36685 33-10s 20e

> **RECEIVED** MAR 2 2 2007

DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

WELL NAME: HCU 13-33F

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

LOCATION: 1214' FSL 356' FWL SEC 33 T 10S R 20E

Event No: 1

COUNTY & STATE: UINTAH CONTRACTOR:

PLAN DEPTH:8,067 SPUD DATE: 07/25/06 WI %: 100.00 AFE #: 0602708 API#: 43-047-36685

AFE TOTAL: \$1,459,000 FORMATION: WASATCH/MESAVERDE DHC: \$800,500 CWC: \$658,500 EVENT DC: \$936,627.00 EVENT CC: \$17,169.00 EVENT TC: \$953,796.00 WELL TOTL COST: \$953,796

REPORT DATE: 03/16/07

MD: 8,275

TVD: 8,147

DAYS: 12

MW:0

VISC: 0

Page: 1

DAILY: DC: \$0.00

CC: \$17,169.00

TC:\$17,169.00

CUM: DC: \$936,627.00

CC: \$17,169.00

TC: \$953,796.00

DAILY DETAILS: MIRU SCHLUMBERGER WIRE LINE AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1500# PRESSURE FROM W.L. PBTD @ 8161' KB TO 2100' KB, FOUND CMT TOP @ 2350' KB. POOH W/ WIRE LINE, AND PRESSURE TESTED CSG TO 5000 PSI, HELD GOOD. RIH AND PERFORATED STAGE #1, SHUT WELL IN,

RDMO WRE LINE AND HOT OILIER. WAIT ON FRAC DATE.

RECEIVED MAR 2 2 2007

From: Dominion Resources To: Utah Division of Oil, Gas & Mining

Date: 3/28/2007 Time: 3:23:42 PM

Page 1 of 6

FACSIMILE COVER PAGE

To: Utah Division of Oil, Gas & Mining

Sent: 3/28/2007 at 3:08:54 PM

Subject: HCU 13-33F

From:

g

Pages: 6 (including Cover)

CONFIDENTIAL

43-047-36685 33 10s 20

> RECEIVED MAR 2 8 2007

Page: 1



WELL CHRONOLOGY REPORT

WELL NAME: HCU 13-33F

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

LOCATION: 1214' FSL 356' FWL SEC 33 T 10S R 20E

CONTRACTOR:

Event No: 1

COUNTY & STATE: UINTAH

AFE #: 0602708

API#: 43-047-36685

PLAN DEPTH: 8,067

SPUD DATE: 07/25/06

WI %: 100.00 DHC: \$800,500

CWC: \$658,500

AFE TOTAL: \$1,459,000

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$936,627.00

EVENT CC: \$319,942.00

EVENT TC: \$1,256,569.00

WELL TOTL COST: \$1,256,569

REPORT DATE: 03/13/07

MD: 8,275

TVD: 8,147

DAYS: 11

MW:

VISC:

DAILY: DC: \$188,421.00

CC:\$0.00

TC:\$188,421.00

CUM: DC: \$936,627.00

CC: \$0.00

TC: \$936,627.00

DAILY DETAILS: LAY DOWN DRILL STRING & BHA.. BREAK KELLY. RIG UP CSGN CREW. RUN 196 JT'S 5.5", 17#, M-80 CSGN. SET @ 8243*/KB. BREAK CIRCULATION. RIG DOWN CSGN CREW. RIG UP BIG 4. CEMENT W/ 100 SKS LEAD MIXED @ 11.0 PPG & 3.82 YLD, THEN 625 SKS TAIL MIXED @ 13.0 PPG & 1.85 YLD. WITH GOOD RETURNS. DISPLACE W/ 190 BBLS 2% KCL. NIPPLE DOWN CLEAN PITS. PREPARE TO RIG DOWN. RELEASE RIG @

6:00AM. ON 3-13-07. MOVE TO HCU 15-28F

REPORT DATE: 03/16/07

MD: 8,275

TVD: 8,147

DAYS: 12

MW:0

VISC: 0

DAILY: DC: \$0.00

CC: \$17,169.00

TC:\$17,169.00

CUM: DC: \$936,627.00

CC: \$17,169.00

TC: \$953,796.00

DAILY DETAILS: MIRU SCHLUMBERGER WIRE LINE AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1500# PRESSURE FROM W.L. PBTD @ 8161' KB TO 2100' KB, FOUND CMT TOP @ 2350' KB. POOH W/ WRE LINE, AND PRESSURE TESTED CSG TO 5000 PSI, HELD GOOD. RIH AND PERFORATED STAGE #1, SHUT WELL IN,

RDMO WIRE LINE AND HOT OILIER. WAIT ON FRAC DATE.

Page: 2



WELL CHRONOLOGY REPORT

WELL NAME: HCU 13-33F

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

Event No: 1

LOCATION: 1214' FSL 356' FWL SEC 33 T 10S R 20E

COUNTY & STATE: UINTAH

CONTRACTOR:

WI %: 100.00

AFE #: 0602708

API#: 43-047-36685

PLAN DEPTH:8,067

Date: 3/28/2007 Time: 3:23:42 PM

SPUD DATE: 07/25/06

DHC: \$800,500

CWC: \$658,500

AFE TOTAL: \$1,459,000

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$936,627.00

EVENT CC: \$319,942.00

EVENT TC: \$1,256,569.00

WELL TOTL COST: \$1,256,569

REPORT DATE: 03/23/07

MD: 8,275

TVD: 8,147

DAYS: 13

MW:0

VISC: 0

DAILY: DC: \$0.00

CC: \$220,071.00

TC:\$220,071.00

CUM: DC: \$936,627.00

CC: \$237,240.00

TC: \$1,173,867.00

DAILY DETAILS:

Page: 3



WELL CHRONOLOGY REPORT

WELL NAME: HCU 13-33F

Event No: 1

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

LOCATION: 1214' FSL 356' FWL SEC 33 T 10S R 20E

COUNTY & STATE: UINTAH

CONTRACTOR:

WI %: 100.00

AFE #: 0602708

API#: 43-047-36685

PLAN DEPTH: 8,067

Date: 3/28/2007 Time: 3:23:42 PM

SPUD DATE: 07/25/06

DHC: \$800,500

CWC: \$658,500

AFE TOTAL: \$1,459,000

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$936,627.00

EVENT CC: \$319,942.00

EVENT TC: \$1,256,569.00

WELL TOTL COST: \$1,256,569

03-22-07 HCU 13-33F. MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. Frac'd Mesa Verde Interval #1 7876-80', 7884-90', 2 spf, 7935-38', 7952-56', 1 spf, 8004-11', 2 spf, 8072-74', 1 spf, 8078-83', 2 spf, 60 holes, with 101,542# 20/40 Ottawa sand. Pumped frac at an average rate of 41.8 bpm, using 334.6 mscf of N2 and 740 bbls of fluid. Average surface treating pressure was 4352 psi with sand concentrations stair stepping from 2.0 ppg to 6.0 ppg. 5582 gallons Pad YF120ST/N2 gel.

2854 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

2821 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

3521 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration. 4221 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

4385 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.

7670 gallons WF110 slick water flush.

Total frac fluid pumped 740 bbls. N2 was cut during flush. Ru wire line, RIH and set 8K frac plug @ 7840'. RIH and perforate interval #2 @ 7774-78', 2 spf, 7788-7800', 4 spf, 58 holes. Left an 18" sleve off of the setting tool in the hole. Fraced interval #2 w/ 44,620# 20/40 Ottawa sand. Pumped frac at an avg rate of 33.1 bpm, using 174.5 mscf of N2 and 464 bbls of fluid. Avg surface treating pressure was 4618 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg

2788 gallons Pad YF120ST/N2 gel.

2148 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

2116 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

2114 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

2720 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.

7591 gallons WF110 slick water flush.

Total frac fluid pumped 464 bbls. N2 was cut during flush. RIH and set 8K frac plug @ 7750', perforate interval #3 @ 7681-85', 2 spf, 7690-7706', 3 spf, 58 holes. Fraced interval #3 w/ 60,731# 20/40 Ottawa sand. Pumped frac at an avg rate of 34 bpm, using 205 mscf of N2 and 514 bbls of fluid. Avg surface treating pressure was 4774 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2787 gallons Pad YF120ST/N2 gel.

2147 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

2119 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

2115 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

2115 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

2794 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.

7506 gallons WF110 slick water flush.

Total frac fluid pumped 514 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 7660', perforate interval # 4 @ 7589-7602', 1 spf, 7611-21', 4 spf, 55 holes. Fraced interval #4 w/ 48,964# 20/40 Ottawa sand. Pumped frac at an avg rate of 28.7 bpm, using 178.9 mscf of N2 and 473 bbls of fluid. Avg surface treating pressure was 4009 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2793 gallons Pad YF120ST/N2 gel.

2143 gallons pumped YF120ST/N2 @ 2.0 ppg sand concentration.

2117 gallons pumped YF120ST/N2 @ 3.0 ppg sand concentration.

2113 gallons pumped YF120ST/N2 @ 4.0 ppg sand concentration. 1554 gallons pumped YF120ST/N2 @ 5.0

ppg sand concentration.

1788 gallons pumped YF120ST/N2 @ 6.0 ppg sand concentration.

7351 gallons WF110 slick water flush.

Total frac fluid pumped 473 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 6420', perforate interval # 5 @ 6159-64', 3 spf, 6177-79', 6181-83', 2 spf, 6191-99', 3 spf, 51 holes. Fraced interval #5 w/ 59,897# 20/40 Ottawa sand. Pumped frac at an avg rate of 32.4 bpm, using 166.9 mscf of N2 and 472 bbls of fluid. Avg surface treating pressure was 2748 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2795 gallons Pad YF115ST/N2 gel.

RECEIVED

MAR 2 8 2007



WELL CHRONOLOGY REPORT

WELL NAME: HCU 13-33F

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

Event No: 1

LOCATION: 1214' FSL 356' FWL SEC 33 T 10S R 20E

COUNTY & STATE: UINTAH

CONTRACTOR:

WI %: 100.00

AFE #: 0602708

API#: 43-047-36685

PLAN DEPTH:8,067

Date: 3/28/2007 Time: 3:23:42 PM

SPUD DATE: 07/25/06

DHC: \$800,500

FORMATION: WASATCH/MESAVERDE

CWC: \$658,500

AFE TOTAL: \$1,459,000

EVENT DC: \$936,627.00

EVENT CC: \$319,942.00

EVENT TC: \$1,256,569.00

WELL TOTL COST: \$1,256,569

2147 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.

2118 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.

2114 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.

2112 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration. 2579 gallons YF115ST/N2 pumped @ 6.0 ppg

sand concentration. slick water flush.

5977 gallons WF110

Total frac fluid pumped 472 bbls. N2 was cut during flush. RIH set top kill plug @ 6100', POOH, RDMO wireline, and stimulation equipment. Prep to MIRU Rig in the morning.

REPORT DATE: 03/24/07

MD: 8,275

TVD: 8,147

DAYS: 14

MW:0

VISC: 0

DAILY: DC: \$0.00

CC: \$14,195.00

TC:\$14,195.00

CUM: DC: \$936,627.00

CC: \$251,435,00

TC: \$1,188,062,00

DAILY DETAILS: MIRU RIG AND EQUIPMENT, RU WORKING FLOOR, AND QUICK TEST. TEST ALL FLANGES ON STACK, HYDRILL WOULD NOT TEST. RD FLOOR, AND ND HYDRILL. LOWER FLOOR, RIH W/ 4-3/4" FANG MILL, FLOAT SUB, BRS, PSN AND 194 JTS OF TBG. RD FLOOR, CHANGE OUT ELEMENT IN HYDRILL, AND CHANGE PIPE RAMS TO SNUBBING RAMS. NU HYDRILL, AND RU WORKING FLOOR. SHUT WELL IN W/ EOT @ 6060' KB. PREP TO TEST BOPE IN THE MORNING.

NOTE: AZTEC DELIVERED 268 JTS OF 2-3/8" 4.7# N-80 8RD TBG.

REPORT DATE: 03/25/07

MD: 8,275

TVD: 8,147

DAYS: 15

MW:0

VISC: 0

DAILY: DC: \$0.00

CC: \$8,070.00

TC:\$8,070.00

CUM: DC: \$936,627.00

CC: \$259,505.00

TC: \$1,196,132.00

DAILY DETAILS: SICP 300#, BLED DN CSG. RU QUICK TEST, TEST PIPE RAMS, AND KNIGHT HYDRILL. HYDRILL WOULD NOT

TEST. RD FLOOR, AND ND HYDRILL. WAIT ON WEATHERFORD HYDRILL, NU NEW HYDRILL, UNABLE TO TEST KNIGHT OR WEATHERFORD HYDRILLS. WORK TBG THRU WEATHERFORD HYDRILL, UP AND DOWN AND ROTATING DRY. HYDRILL TESTED TO 3000#. RDMO TESTER, PREP TO DRILL OUT PLUGS IN THE MORNING.

REPORT DATE: 03/26/07

MD: 8,275

TVD: 8,147

DAYS: 16

MW:0

VISC: 0

DAILY: DC: \$0.00

CC: \$12,972.00

TC:\$12,972.00

CUM: DC: \$936,627.00

CC: \$272,477.00

TC: \$1,209,104.00

DAILY DETAILS: SICP 0#, SITP 0#, BLED DN WELL, PU 2 JTS OF TBG TAG CKP @ 6100' KB. MILL OUT PLUGS @ 6100', (20' OF SAND) 6420', (40' OF SAND) 7660', (34' OF SAND) 7750', AND (38' OF SAND) FISH @ 7840', MILL FOR 5 HOURS, MADE 4' AND PLUG STARTED COMING UP HOLE W/ PRESSURE INCREASE FROM BELOW. POOH W/ 55 JTS TO STRING FLOAT. REMOVE FLOAT AND SHUT WELL IN OVERNIGHT W/ EOT @ 6093' KB. PREP TO FINISH

C/O IN THE MORNING.

NOTE: DOUBLE TIME FOR RIG ON SUNDAY.

REPORT DATE: 03/27/07

MD: 8,275

TVD: 8,147

DAYS: 17

MW:0

VISC: 0

DAILY: DC: \$0,00

CC: \$46,379.00

TC:\$46,379.00

CUM: DC: \$936,627.00

CC: \$318,856.00

TC: \$1,255,483.00

DAILY DETAILS: SICP 1750#, SITP 0#. RIH W/ 56 JTS OF TBG, TAG 5TH PLUG @ 7840' KB. MILL ON FISH REMAINS AND CKP FOR ONE HOUR AND FELL THRU. RIH TAG SAND @ 8112', C/O 73' OF SAND TO PBTD @ 8185' KB. CIRCULATE WELL CLEAN, LD 10 JTS OF TBG, LAND 252 JTS ON HANGER W/ EOT @ 7877', AND PSN @ 7875' KB. RD WORKING FLOOR, ND BOPE, DROP BALL, AND NU WELL HEAD. PUMP OFF BIT, FLOAT SUB, AND 1/2 OF BRS @ 2500#. RD RIG AND EQUIPMENT, PREP TO MOVE IN THE MORNING.

MAR 2 8 2007

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WELL CHRONOLOGY REPORT

WELL NAME: HCU 13-33F

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

Event No: 1

LOCATION: 1214' FSL 356' FWL SEC 33 T 10S R 20E

CONTRACTOR:

COUNTY & STATE: UINTAH WI %: 100.00

API#: 43-047-36685

PLAN DEPTH: 8,067

SPUD DATE: 07/25/06

DHC: \$800,500

AFE #: 0602708

AFE TOTAL: \$1,459,000

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$936,627.00

CWC: \$658,500 EVENT CC: \$319,942.00

EVENT TC: \$1,256,569.00

WELL TOTL COST: \$1,256,569

REPORT DATE: 03/28/07

MD: 8,275

TVD: 8,147

DAYS: 18

MW:

VISC:

Page: 5

DAILY: DC: \$0.00

CC: \$1,086.00

TC:\$1,086.00

CUM: DC: \$936,627.00

CC: \$319,942.00

TC: \$1,256,569.00

DAILY DETAILS: FLOW REPORT OPEN WELL TO PIT UP TBG. @ 7:00 PM ON 24/64 CHOKE FTP 650, SICP 1830, WELL LOADED UP @ 6:00 AM FTP 0, SICP 2000, RECOVERED 500 BBLS FLUID REMOVE CHOKE & LEFT OPEN TO PIT MIRU DELSCO SWAB RIG START SWAB FL @ 800' MADE 7 RUNS WELL FLOWED RECOVERED 80 BBLS FLUID RD SWAB RIG MOVE OFF, LEFT WELL FLOWING UP TBG. TO PIT ON 24/64 CHOKE.

RECEIVED MAR 2 8 2007

DIV. OF OIL, GAS & MINING

Form 3160-5 (August, 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135

SUNDRY NOTICES AND REPORTS ON WELLS

Expires: November 30, 2000 5. Lease Serial No. U-28203

	n for proposals to drill or to re-enter an Form 3160-3 (APD) for such proposals		ľ	o. If Indian,	Allottee or Tribe Nan	ie		
	ALE - Other Institutions on reverse side		7	7. If Unit or	CA/Agreement, Nam	e and/or No.	_	
1. Type of Well	And the control of the second	(4)		Hill Ci	reek Unit			
Oil Well X Gas Well	Other		8	8. Well Name and No.				
2. Name of Operator				HCU	13-33F			
-			9	API Wel			_	
Dominion Exploration & Production 3a. Address	on, Inc. 3b. Phone No. (incl	ude area	a code)	43-047-36685				
14000 Quail Springs Pkwy, Ste 6	' '		· · ·		nd Pool, or Explorator	y Area	_	
4. Location of Well (Footage, Sec., T., R., M.,				Natur	al Buttes			
SHL: 1214' FSL & 356' FWL, SW		[1	1. County	or Parish, State				
BHL: 700' FSL & 800' FWL, SW S	SW, Sec. 33-10S-20E		ŀ	Uintal	n. UT			
12. CHECK APPROPRIATE	BOX(ES) TO INDICATE NATURE OF	NOTIO	CE, REPO				_	
TYPE OF SUBMISSION	TYPI	E OF A	ACTION					
Notice of Intent	Acidize Deepen	P	roduction (Sta	rt/Resume)	Water Shut-Off			
_	Altering Casing Fracture Treat	R	eclamation		Well Integrity			
Subsequent Report	Casing Repair New Construction	R	ecomplete		Other			
—	Change Plans Plug and Abandon	emporarily Ab		Drilling C	perations			
Final Abandonment Notice	Convert to Injection Plug Back	∟ "	ater Disposal				_	
Attach the Bond under which the work following completion of the involved optesting has been completed. Final At determined that the site is ready for final 3/6/07 - Ran 65 jts 9-5/8", 3 w/250 sks Class G, 15.8 pp. 3/12/07 - Ran 196 jts 5-1/2"	96#, J-55 ST&C csg set @ 2821'. Cmt og, 1.15 yld. 70 bbls cmt to surface. ', 17#, M-80 LT&C csg set @ 8243'. C og, 1.85 yld w/good returns. Clean pits.	n BLM/B on or rec ments, i lead	IA. Require completion in ncluding recla	ed subseque a new inte amation, ha	ent reports shall be file irval. a Form 3160-4 ive been completed ar V, 11.0 ppg, 3.8	d within 30 days shall be filed once id the operator has 2 yld. Tailed		
Name (Printed/Typed)	ind correct		Tista	Pogul	atony Specialist			
Barbara Lester	A .)	_	Title	Regui	atory Specialist		-	
Signature Ruhalh	4/21-2		Date	3/23/2	2007			
	s ny chai chthamat ghait shai	15(0)		M. See		ti da sa		
Approved by		Tit	le			Date		
	 Approval of this notice does not warrant or quitable title to those rights in the subject lease ct operations thereon. 	Off	fice					
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, makes it a crime for any p	erson k	nowingly an	d willfully	to make to any depa	artment or agency of the	;	

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August, 1999)

UNITED STATES

DEPARTMENT OF THE INTERIOR	
BUREAU OF LAND MANAGEMENT	

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

FC	RM A	PPRO	OVE	D
ON	AB No.	1004	1-013	35
				_

OMB 140. 1004-0133	
Expires: November 30, 2000	
5. Lease Serial No.	
U-28203	
6. If Indian, Allottee or Tribe Name	

abandoned well. Use	Form 3160-3 (APD) fo	r such proposals.			
u a e e e e e e e e e e e e e e e e e e	ADE DIGGERSONS	nskoj kalektirioj	BALKI O'ZE ZE NE	7. If Unit or	CA/Agreement, Name and/or No.
1. Type of Well	_	<u> </u>			eek Unit
Oil Well X Gas Well	Other			8. Well Nam	ne and No.
2. Name of Operator		a r vá (táliúl. iúl. i ú	1 6 5	HCU 1	13-33F
Daninian Funtanation 9 Deadwetic	an Ino			9. API Well	No.
Dominion Exploration & Production 3a. Address	on, inc.	3b. Phone No. (includ	e area code)	43-047	7-36685
14000 Quail Springs Pkwy, Ste 6	00. OKC. OK 73134	(405) 749-523	•		d Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M.,		(100).110 020		Natura	al Buttes
SHL: 1214' FSL & 356' FWL, SW	SW, Sec. 33-10S-20E			11. County	or Parish, State
BHL: 700' FSL & 800' FWL, SW \$	SW, Sec. 33-10S-20E			1 2 - 1 - 1	
				Uintah	
12. CHECK APPROPRIATE	BOX(ES) TO INDICAT	E NATURE OF N	OTICE, REPO	ORT OR C	OTHER DATA
TYPE OF SUBMISSION		TYPE	OF ACTION		
Notice of Intent	Acidize	Deepen	Production (S	tart/Resume)	Water Shut-Off
_	Altering Casing	Fracture Treat	Reclamation		Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete		X Other
_	Change Plans	Plug and Abandon	Temporarily A	bandon	First Sales
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposa	al	
Attach the Bond under which the work following completion of the involved op-	y or recomplete horizontally, given will be performed or provide the erations. If the operation results bandonment Notices shall be file	ve subsurface locations a e Bond No. on file with E s in a multiple completion	and measured and BLM/BIA. Requi or recompletion	l true vertical red subseque in a new inter	depths of all pertinent markers and zones.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	<u> </u>		
Barbara Lester	Title		
Signature Doubland Grand	Date	4/16/2007	
THE PROPERTY OF THE PROPERTY O			
Approved by	Title		Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

> **RECEIVED** APR 2 0 2007

Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB NO. 1004-0137

Expires November 30, 2000

Production Date Tested Production BBL MCF BBL Corr API Gravity Gas Gravity Flowing 3/30/2007 4/18/2007 24	•	WEI	LCOMPL	ETION OF	DECOR	DI ETIO	N DEDO	DT AND LOG			s November 30), 2000
10 Type of West		WEL	L CONIFL	ETIONOR	KECOM	PLETIO	N KEPU	RI AND LOG	ואודי	5. Lease Ser	ial No.	
Description Display D								001	with the	1	U-2820)3
Description Display D	1a. Type of	Well (Dil Weil X	Gas Well	Dry O	ther		TOM IN				
2 Name of Operator Committed Committed Experiment Name and House Hild Create Unit Hil		***************************************						•		6. If Indian, A	lilottee or Trib	e Name
Name of Operator Dominion Exploration & Production, Inc. Dominion Exploration & Production, Inc. Dominion Exploration & Production, Inc. See Attachment See Attachme	u. Type or	Completion.	New We	II L Wor	k Over	Deepen		Diff.Resvr.				
2 Name of Ocerator Dominions Exploration & Production, Inc. 3 Address 14000 Quali Springs Parkway - Ste, 600 - Okla, City, OK 73134 4. Location of Well-Report location clearly and in accordance with Federal requirements)* All surface 1214 FSL & 356 FSWL, SW SW After production of Well-Report location clearly and in accordance with Federal requirements)* All surface 1214 FSL & 356 FSWL, SW SW After production of Well-Report location clearly and in accordance with Federal requirements)* All surface 15 Diet To Resched 16 Diet To Resched 17 Federanical Logs Run (Submit copy of sach) Palatorie Express, High Resolution Laterolog Array Gamma Ray, Cement Bond Log 20 Cesting and Liner Record Report all string set in well) Hole See Secercia of Well-Report Location (Submit Copy of sach) For Submit S			Other							7. Unit or CA	Agreement N	lame and No.
Dominion Exploration & Production, Inc.	2 Name of	10										
3. Address 14000 Quali Springs Parkway Ste. 600 - Okla City OK 73134 4. Location of Well (Report location cearly and in accordance with Federal requirements)* All strain does 1214 FSL 8 366 FWL, SW SW All top pool intend reported below 1214 FSL 8 366 FWL, SW SW All top pool intend reported below 1500 FSL 8 1500										8. Lease Nan	ne and Well 1	No.
4. Location of West (Report Location Clearly and in accordance with Frederic Incurrents): 4. Location of West (Report Location Clearly and in accordance with Frederic Incurrents): All total depth			tion & Produ	uction, Inc.							HCU 13	3-33F
14,000 Quall Springs Parkway - Site - 600 - Okia City, OK 73134 165 Care 1995 17	Address						3	a. Phone No. (includ	de area code)	9. API Well N	lo.	
All source 12 14 FSL & 356 FWL, SW SW APR 2 7 2007 All total depth 12 14 FSL & 356 FWL, SW SW All total depth 15 1794 FSL & 366 FWL, SW SW All total depth 15 1794 FSL & 366 FWL, SW SW All total depth 15 1794 FSL & 366 FWL, SW SW All total depth 15 1794 FSL & 366 FWL, SW SW All total depth 15 1794 FSL & 366 FWL, SW SW SW All total depth 15 1794 FSL & 366 FWL, SW	140	00 Quail Sp	rings Parkw	ay - Ste. 60	00 - Okla. C	City, OK 7	3134	405-749	1800-			1685
At surface 1214* FSL & 356* FWIL, SW SW At total depth 739 FS. 794 FW. At total depth 730 FSL & 4060* FWIL, SW SW 14 Date Spudded 770 FSL & 4060* FWIL, SW SW 15 Date TD Reached 770 FSL & 4060* FWIL, SW SW 16 Total Depth MD 8275* 19 Ftug Back TD. TVD 8148* 19 Ftug Back TD. At Type Elictric & Other Mechanical Logs Run (Submrt (opy of each)) Palatorme Express, High Resolution Laterolog Array Camma Ray, Cement Bond Log 22 Was well cored? Who Directional Survey? 22 Was well cored? Who Directional Survey? Amount Pulled 17 1/2* 13 3/8* 48 M Surface 522 17 1/2* 13 3/8* 48 M Surface 522 17 1/2* 13 3/8* 38 M Surface 522 17 1/2* 13 3/8* 38 M Surface 522 17 1/2* 13 3/8* 38 M Surface 522 17 1/2* 17 M Surface 523 17 1/2* 17 M Surface 5243* 17 1/2* 17 M Surface 5243* 17 1/2* 17 M Surface 5243* 18	4. Location	of Well (Repor	t location clearl	y and in accord	ance with Fed	leral requirer	ments)*	RECE	I VED			
All top proof Interval reported below 33-105-20E All total depth 739-FSL 8-966* FWL, SW SW All total depth 739-FSL 8-966* FWL, SW SW 14. Date Spudded 15 Date 10 Reached 310/2007 16 Date Completed 310/2007 17 Reached 310/2007 17 State 19 Flug Back 17 D. MD 8161* 17 Depth 70 State 19 Flug Back 17 D. MD 8161* 17 D. Date Spudded 310/2007 18 Total Depth MD 8275* 19 Flug Back 17 D. MD 8161* 17 D. Depth Bedge Plug Set MD 770 8148* 19 Flug Back 17 D. MD 8161* 17 D. Depth Bedge Plug Set MD 770 8148* 19 Flug Back 17 D. MD 8161* 17 D. Depth Bedge Plug Set MD 770 8148* 19 Flug Back 17 D. MD 8161* 17 D. Depth Bedge Plug Set MD 770 8148* 19 Flug Back 17 D. MD 8161* 17 D. Depth Bedge Plug Set MD 770 8148* 19 Flug Back 17 D. MD 8161* 19 Depth MD 8275* 17 D. Depth Bedge Plug Set MD 770 8148* 19 Flug Back 17 D. MD 8161* 19 Depth MD 8275* 17 D. Depth 8275* 17 D.				•			,	• • ===			•	ratory
At total depth	At Suriac	^{.e} 12	14' FSL & 3	56' FWL, S	W SW			APR 7	7 2007			
A total depth	At top pro	od. Interval repo	orted below					All IV =		4	•	
All toal depth 720° FSL & 600° FWL, SW SW Unitah UT 14 Date Spudded 07725/2006 15 Date T.D. Reached 07725/2006 15 Date T.D. MD 8161° 7VD 81		•		an G.	1				AC C MINING			3-10S-20E
14 Date Spudded 15 Date T. Reached 16 Date Completed 17 Elevations (DF, RKB, RT, GL) 18 Total Depth 18 Date T. D. Reached 16 Date Completed 17 Elevations (DF, RKB, RT, GL) 18 Total Depth 17 Date Spudded 18 Date T. D. Reached 18 Date Completed	At total d							DIA' OF OIL' R	42 % MILANAO	12. County or F	^o arish	13. State
14. Date Spudded 15. Date TD. Reached 17. Date CD. Reached CD. Reached 17. Date CD. Reached CD. Reached CD. Reached 17. Date CD. Reached CD. Re		1.0	U FSL & UU	er FWL, SW	VSW					Uintah		UT
07/25/2006 3/10/2007	•		15. Date T	.D. Reached	16	Date Com	pleted			· · · · · · · · · · · · · · · · · · ·	(DF, RKB. R1	
18. Total Depth MD 8275 19. Plug Back T.D. MD 81611 20. Depth Bridge Plug Set MD TVD	07/25/	2006	3	3/10/2007			X				, , , , , , , , , , , , , , , , , , , ,	,,
18 Total Depth MD 8275 TVD 8148 19 Plug Back T D MD 8161 TVD 8162 10 Depth Bridge Plug Set MD TVD 10 TVD							D&A 1	Ready to prod.	3/30/2007		GL 5322	2'
TVD	18. Total Der	oth: MD	8275'	19. Plug Bac	k T.D.: MI	S 6	161'			MD		
1		TVD	8148'		T∨				J > 1.25 OOL			
Platform Express, High Resolution Laterolog Array Gamma Ray, Cement Bond Log Directional Survey? No Yes (Submit report)	21 Type Flat	otrio P Other to	anning ()	D (O.)			~~~					
See Attachment See	ZI. Type Elec							22. Was well core	d? XNo	Yes	s (Submit	analysis)
23 Casing and Liner Record (Report all string set in well) Stage Cementer No. of Sks & Stury Vol Cement Type of Cement Cement		Platform Ex	(press, High	Resolution	Laterolog	Array		Was DST run	? XNo	Yes	s (Submit	report)
23. Casing and Liner Record (Report all string set in well) No. of Sks & Sturry Vol. No. of Sks & Sturry Vol. Stage Cementer No. of Sks & Sturry Vol. Cement Top* Amount Pulled		G	amma Ray,	Cement Bo	nd Log			Directional Su	rvev?	No.		
Hole Size Size/Grade Wit (#/ft) Top (MD) Bottom (MD) Stage Cementer Top (MD) Depth Top of Cement Top (MD) Depth Top of Cement Top of	23. Casing ar	nd Liner Record	(Report all stri	ng set in well)						Total Control of the	res (S	иони сору)
17 1/2" 13 3/8" 48# Surface 522" 500 Sx					Datta = 4	Stage	e Cementer	No. of Sks &	Slurny Vol			
12 1/4" 9 5/8" 35# Surface 2,821' 650 Sx Circ						/IU) -	Depth			Cement Top	· Ar	mount Pulled
77/8" 5 1/2" 17# Surface 8,243' 775 Sx Est. CBL 2350' 24 Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2 3/8" 7877' 25. Producing Intervals Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 5				Surface	1			500 Sx		Circ.		
24 Tubring Record				Surface				650 Sx		Circ.		
23 Test Te			17#	Surface	8,243'			725 Sx		Est. CBL 23	350'	
2 3/8" 7877			4D) D :									
25			ID) Pack	er Depth (MD)	Size	Dept	h Set (MD)	Packer Depth (N	1D) Size	Depth Se	t(MD) Pa	cker Depth (MD)
Formation					_1			1			L	
A) B) C) See Attachment C) See				Top	D-4							
See Attachment See		Omation		100	Bollons		Periorat	ed Interval	Size	No. Holes	Perf.	Status
See Attachment See					 -							
D) E) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval See Attachment See Attachment See Attachment See Attachment See Attachment Oil Gas Water Oil Gravity Gas Gravity Gravi		Attachment		}			\				<u> </u>	
E) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval See Attachment See Attachment See Attachment See Attachment See Attachment Date First Test Production BBL MCF BBL Corr API Gravity Gas Production Method Gravity Flowing Amount and Type of Material Amount and Type of Material Amount and Type of Material See Attachment See Attachment See Attachment Date First Test Oil Gas Water Oil Gravity Gas Production Method Gravity Flowing Flowing Flowing Flowing Production Interval B Date First Test Oil Gas Water Gas Oil Ratio Production BBL MCF BBL Ratio Production Interval B Date First Test Oil Gas Water Gas Oil Gas Oil Well Status Flow Press Rate BBL MCF BBL Corr API Gravity Gas Production Method Gravity Gas Production BBL MCF BBL Corr API Gravity Gas Gravity Production Method Gravity Gas Production Method Gravity Gas Gravity G		Machinent				See /	Macnmei	nt				
27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval See Attachment See Attachment See Attachment See Attachment See Attachment Date First Test Doll Gas BBL MCF BBL Corr API Gravity Flowing Choke Top Press Csg 24 Hr Oil Gas BBL MCF BBL Ratio Production Interval B Date First Test Doll Gas BBL MCF BBL Ratio Production Flowing Production BBL MCF BBL Ratio Production Interval B Date First Doll Gas Water Gas Oil Gravity Gas Gravity Production Method Gravity Flowing Production Interval B Date First Doll Gas Water Gas Oil Gravity BBL Ratio Production Interval B Date First Tested Production BBL MCF BBL Gas Oil Gravity Flowing Production Method Gravity Flowing Production Method Gravity Flowing Production Flowing Production Method Gas Oil Gas Water Gas Oil Gas Gavity Production Method Gas Oil Gas Water Gas Oil Gravity Flowing Production Method Gas Oil Gas Water Gas Oil Gas Gas Oil Gravity Flowing Production Method Gas Oil Gas Water Gas Oil Gas Gas Oil Well Status Production Method Gas Oil Water Gas Oil Water Gas Oil Well Status Production Method Water Gas Oil Water G												
Depth Interval See Attachment See Attachment		ture Treatment	Coment Sauce									
See Attachment See Attachment See Attachment			, Cement Sque	eze, Etc.				Amount and Type	of Material			
Date First Test Date Date Date Test Dil Gas Date Date								Amount and Type	: Of Material			
Date First Test Date Dat												
Date First Test Date Dat												
Date First Test Date Dat				See A	Attachment							
Produced Date Tested Production BBL MCF BBL Corr API Gravity Gas Gravity 3/30/2007 4/18/2007 24					ttaoriii cit							
Produced Date Tested Production BBL MCF BBL Corr API Gravity Gas Gravity 3/30/2007 4/18/2007 24												
Production Production Production BBL MCF BBL Corr API Gas Gravity Gas Production Method		<u>-</u> L		·								
Produced Date Tested Production BBL MCF BBL Corr API Gravity 3/30/2007 4/18/2007 24	Date First	Test	Hours	Test	Oil	Gas	Water	IOil Gravity	Gas	Production Ma	thod	
3/30/2007 4/18/2007 24	Produced	Date	Tested	Production			4		I I			
Choke Tbg Press Csg Press Rate BBL MCF BBL Gas Oil Ratio Tbg Press Plwg Press Rate BBL MCF BBL Ratio Tbg Press Press Rate BBL MCF BBL Ratio Test Date First Production Date Production BBL MCF BBL MCF BBL Gravity Gas Gravity Thomas Production Method Gas Water BBL MCF BBL Gravity Gas Gravity Thomas Production Method Gravity Gas Gravity Test Date Press Csg 24 Hr Oil Gas Water BBL MCF BBL Gravity Water Gas Oil Well Status Thomas Production Method Gravity Gas Gravity Thomas Production Method Gravity Gas Gravity Thomas Press Rate BBL MCF BBL Ratio Well Status Well Status	3/30/2007	4/18/2003	7 24	─ ►	1 0	370		o 1	1	1	C 1	_
Flwg SI 205 556	Choke			24 Hr					Well Status		riowin(]
48 205 556 0 379 0 Producing 28a Production - Interval B 28a Produced Date First Test Date Date Production BBL MCF BBL Corr API Gravity Gravity Choke Tbg Press Csg 24 Hr Oil Gas Water Gas Oil Well Status Choke Five Five Press Rate BBL MCF BBL Ratio	Size			Rate			1	l l	TTCII Status			
Rea Production - Interval B Pate First Test Date Production BBL MCF BBL Corr API Gravity Choke Tbg Press Csg 24 Hr Oil Gas Water Gas Oil Well Status Read Production BBL MCF BBL Ratio	48	205	556	-	1 1	370		.		D	dunia -	
Test Date Pirst Test Date Date Date Date Date Date Date Dat				<u> </u>	<u> </u>	313		<u> </u>	1	Proc	ucing	
Troduced Date Tested Production BBL MCF BBL Corr API Gravity Choke Tbg Press Csg 24 Hr Oil Gas Water Gas Oil Well Status Flwg Press Rate BBL MCF BBL Ratio	Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Mos	thod	
ize Flwg Press Rate BBL MCF BBL Ratio	Produced	Date	Tested	Production						, roduction wet	1100	
ize Flwg Press Rate BBL MCF BBL Ratio				-								
rize Flwg Press Rate BBL MCF BBL Ratio	hoke	Tbg Press	Csg	24 Hr	Oil	Gas	Water	Gas Oil	Well Status			
	Size	1 -		E .) 1			l l	Graius			
		31	1	-			-					
See instructions and spaces for additional data on reverse side)		.,			,							

28b Produc	ction - Interval	<u>r</u>											_
Date First	Test	Hou	rs	Test	Oil	Gas	Water	Oil Gr	avity	Gas	Production Metho	d ·	
Produced	Date	Test	ted	Production	BBL	MCF	BBL	Corr /	API	Gravity			
]			İ		
Choke	Tbg Press	Csg		24 Hr	Oil	Gas	Water	Gas O),(Well Status	·-	······································	_
Size	Flwg	Pres		Rate	BBL	MCF	BBL	Ratio					
	SI	1											
28c. Produc	tion - Interval	<u> </u>				I	l						_
Date First	Test	Hou	rs	Test	Oil	Gas	Water	Oil Gri	avity	Gas	Production Method	d	_
Produced	Date	Test		Production	BBL	MCF	BBL	Corr. A		Gravity		_	
				→				1					
Choke	Tog Press	Csg.		24 Hr.	Oil	Gas	Water	Gas O	sit .	Well Status	L	A74	
Size	Flwg.	Pres			BBL	MCF	BBL.	Ratio	"	vven Status			
	SI												
		i				<u> </u>			j				_
29. Dispostion	n of Gas (So	ild, used for	r fuel, vented	d, etc.)									
	Sold												
			1. 4					1.	4 5				
30. Summary	of Porous Z	ones (inclu	ade Aquiters;	Y.				3	1. Formatio	on (Log) Markers	5		
	uding depth					ervals and all drill owing and shut-in							
												,	
Format	tion	Тор	В	ottom	1	Descritpion, Conf	tents, etc.			Name		Тор	_
		· · · · · · · · · · · · · · · · · · ·										Meas. Depth	
								Įν	Vasatch	Tongue		3862'	
								Įι	Jteland L	imestone		4190'	
			1					١٧	Vasatacl	h		4353'	
			Į.						Chapita V			5114'	
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32. Additional	remarks (inc	clude plugo	aina procedu	re)									
02. / (00/10/10/	remains (mi	oludo piugg	girig process										
33. Circle encl	locad attach	monte:											
JJ. CHOIC CHO	ioseu allacii	ments.											
1. Electri	ical/Mechani	ical Logs (1	full set req	d)	2. Geo	ologic Report	3. DS	T Repo	ort	4. Directional S	Survey		
					_								
5. Sundr	y Notice for	plugging ar	nd cement v	erification	6. Cor	e Analysis	7. Oth	ner:					
							······································					····	=
34. I hereby ce	ertify that the	e foregoing	and attache	d information	is complete	e and correct as	determined from	all ava	ailable reco	rds (see attache	ed instructions)*		
		_											
Name (ple	ease print)	Cai	rla Christi	an			Title	e _	Supen	risor, Regula	itory Reports	<u> </u>	_
	(/	r P	ſ	1	1								
Signature	(4110	> 11	$\sqrt{\Lambda}$	Jak	~	Dat	te	April 2	5, 2007			
		~ V//~	· · · · · · · · · · · · · · · · · · ·	V		* }		_		·			_
									<u>.</u>				=
Title 18 I I S C	Section 100	01 and Title	431150	Section 1212	make ita	crime for any ner	son knowinaly s	nd willf	ully to mak	e to any denada	nent or agency o	f the United States	
						atter within its juri		*******	ony to mak	c to any departi	ion or agency o	THIC OTHER STATES	
-=-											· <u>···</u>		_
									-			♥ U.S. GPO. 1999-573-624	

HCU 13-33F Perforation's & Frac's

Terval #1 Mesaverde 7876 - 80 7884 - 90 7935 - 38 7952 - 56 8004 - 11 8072 - 74 8078 - 83 60 holes

Frac w/101,542# 20/40 Ottawa sd., w/334.6 mscf of N2 and 740 bbls of YF12OST.

Interval #2 Mesaverde 7774–78 7788 – 00 58 holes

Frac w/44,620# 20/40 Ottawa sd., w/174.5 mscf of N2 and 464 bbls of YF120ST

Interval #3 Mesaverde 7681 – 85 7690 – 06 58 holes

Frac w/60,731# 20/40 Ottawa sd., w/205 mscf of N2 and 514 bbls of YF120ST

Interval #4 Mesaverde 7589 – 02 7611 – 21 55 holes

Frac w/48,964# 20/40 Ottawa sd., w/178.9 mscf of N2 and 473 bbls of YF120ST

Interval #5 Wasatch 6159 – 64 6177 – 79 6181 – 83 6191 - 99 51 holes

Frac w/59,897# 20/40 Ottawa sd., w/166.9 mscf of N2 and 472 bbls of YF115ST



RECEIVED
APR 27 2007

APR 27 2007

DIV. OF OIL, GAS & WAIT WAG

Dominion Exploration & Production Natural Buttes Field Uintah County, Utah

HCU 13-33F

Section 33, T10S, R20E

FINAL WELL REPORT



AS DRILLED

Prepared for:

HCU 13-33F

Dominion Exploration & Production

on

Section 33, T10S, R20E

Uintah County, Utah

1000

2000-

3000-

4000

5000

6000

7000-

8000

True Vertical Depth [1000ft/in]

220

395

2830 659

0° 540 MD Start Build 3.00

28° 1465 MD Start Hold

28° 1842 MD Start Drop -2.50

Vertical Point

0° 2952 MD Start Hold

Intermediate

Wasatch Tongue

Uteland Limestone

Wasatch

Chapita Wells

Uteland Buttes

Mesaverde

PBHL

Original Hole

2000

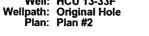
Dominion Exploration & Production

Field: Uintah County, Utah Site: HCU # 13-33F Well: HCU 13-33F



Azimuths to True North Magnetic North: 11.68°

Magnetic Field Strength: 52739nT Dip Angle: 65.87° Date: 2/12/2007 Model: igrf2005





Uintah County, Utah Utah - Natural Buttes USA

Geodetic System: US State Plane Coordinate System 1983 Ellipsoid: GRS 1980 Zone: Utah, Central Zone

Magnetic Model: igrf2005

System Datum: Mean Sea Level Local North: True North

SITE DETAILS

HCU # 13-33F Sec 33, T10S, R20E Uintah Co, Utah

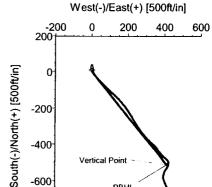
Site Centre Latitude: 39°53'59.030N Longitude: 109°40'43.220W

Ground Level: 5322.00
Positional Uncertainty: 0.00
Convergence: 1.17

WELLPATH DETAILS

Original Hole

Rig: Ref. Datum: Ciclone 5 5340.00ft Origin +E/-W V.Section Starting From TVD Origin +N/-S Angle 141.12° 0.00 0.00 0.00



PBHL

Original Hole

FORMATION TOP DETAILS

WELL DETAILS

-600

-800

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 13-33F	0.00	0.00	7137417.25	2151348.52	39°53'59.030N	109°40'43.220W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape	No.	TVDPath	MDPath	Formation
Vertical Point PBHL	2830.00 8000.00	-512.86 -512.86	413.49 413.49	Point Point	1 2 3 4 5 6	3540.00 3910.00 4070.00 4990.00 6215.00 7140.00	3661.99 4031.99 4191.99 5111.99 6336.99 7261.99	Wasatch Tongue Uteland Limestone Wasatch Chapita Wells Uteland Buttes Mesaverde

		SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target	
1	0.00	0.00	141.12	0.00	0.00	0.00	0.00	0.00	0.00		
2	540.00	0.00	141.12	540.00	0.00	0.00	0.00	141.12	0.00		
3	1465.03	27.75	141.12	1429.28	-171.01	137.88	3.00	141.12	219.67		
4	1841.96	27.75	141.12	1762.86	-307.64	248.04	0.00	0.00	395.18		
5	2951.99	0.00	141.12	2830.00	-512.86	413.49	2.50	180.00	658.79	Vertical Point	
6	8121.99	0.00	141.12	8000.00	-512.86	413.49	0.00	141.12	658.79	PBHL	

Vertical Section at 141.12° [1000ft/in]

1000

Ryan Energy Technologies 19510 Oil Center Blvd Houston, TX 77073 Ph: 281-443-1414 Fx: 281-443-1676



Plan Plan #2 (HCU 13-33F/Original Hole)



DIRECTIONAL DRILLING COMPOSITE SURVEY REPORT

Prepared for:

HCU 13-33F

Dominion Exploration & Production

on

Section 33, T10S, R20E

Uintah County, Utah

Report Prepared on 2007

WE HEREBY CERTIFY THAT THE DATA CONTAINED IN OUR DIRECTIONAL SUPERVISOR, REPRESENTS TO TO THE WELL AT THE SURVEY WAS TAKEN	HE BEST OF OUR KNOWLEDGE A TRUE AND ACCURATE SURVEY
CERTIFICATION	3-4-07 DATE
	C.



SURVEY REPORT - STANDARD

Prepared for:

HCU 13-33F

Dominion Exploration & Production

on

Section 33, T10S, R20E

Uintah County, Utah



Ryan Energy Technologies Survey Report



Dominion Exploration & Product Company:

Field: Site:

Field:

Uintah County, Utah HCU # 13-33F HCU 13-33F

3/14/2007 Date:

Time: 08:07:40

Well: HCU 13-33F, True North

Sybase

Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:

Est RKB 5340.0

Minimum Curvature

Well (0.00N,0.00E,141.12Azi)

Well: Wellpath: **Original Hole**

Uintah County, Utah

Utah - Natural Buttes

USA

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980

Map Zone: Coordinate System: Utah, Central Zone

Well Centre

Sys Datum: Mean Sea Level

Geomagnetic Model:

igrf2005

HCU # 13-33F Site:

Sec 33, T10S, R20E

Uintah Co, Utah Site Position:

Northing: Easting:

7137417.25 ft Latitude: 2151348.52 ft

39 53 59.030 N

From: Geographic **Position Uncertainty:**

0.00 ft

Longitude: North Reference:

Slot Name:

Longitude:

109 40 43.220 W

Grid Convergence:

True 1.17 deg

Well:

HCU 13-33F

0.00 ft Northing: 0.00 ft Easting:

7137417.25 ft Latitude:

+E/-W

Wellpath: Original Hole

0.00 ft

5322.00 ft

2151348.52 ft

59.030 N 109 40 43.220 W

Position Uncertainty:

Ground Level:

Well Position:

Drilled From: Tie-on Depth: Surface 0.00 ft

Current Datum: Magnetic Data:

Est RKB 2/12/2007

ft

Height 5340.00 ft

Above System Datum: Declination:

Mean Sea Level

Field Strength: 52739 nT Vertical Section:

Mag Dip Angle:

11.68 deg

+E/-W

65.87 deg Direction

Depth From (TVD) +N/-S ft ft 0.00 0.00

0.00

Survey Program for Definitive Wellpath Date: 3/14/2007 Validated: No To Survey

Version: Toolcode

Tool Name

deg

141.12

Actual From ft ft

MWD

MWD

500.00 2831.00 Ryan MWD (500.00-2831.00) Survey #2 (3340.00-7740.00) 3340.00 7740.00 8250.00 8250.00 Survey #3 (8250.00-8250.00)

SS Projection Single-Shot Projection

Survey

Survey										· · · · · · · · · · · · · · · · · · ·
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	deg/100	ft deg/106	Oft deg/100ft	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
500.00	0.40	339.70	500.00	1.64	-0.61	-1.65	0.08	0.08	0.00	MWD
590.00	0.20	88.30	590.00	1.94	-0.56	-1.86	0.56	-0.22	120.67	MWD
684.00	2.60	137.90	683.96	0.36	1.04	0.37	2.63	2.55	52.77	MWD
776.00	7.00	143.20	775.62	-5.68	5.80	8.06	4.80	4.78	5.76	MWD
868.00	11.50	142.50	866.40	-17.45	14.74	22.84	4.89	4.89	-0.76	MWD
959.00	15.70	142.30	954.83	-34.09	28.18	44.23	4.66	4.62	-0.76 -2.75	MWD
1053.00	20.10	136.10	1044.26	-55.48	47.57	73.05	4.85	4.68	-4.15	MWD
1149.00	24.40	133.00	1133.09	-80.90	73.52	109.13	4.64	4.48	-3.23	MWD
1245.00	26.30	131.60	1219.84	-108.55	103.93	149.74	2.08	1.98	-1.46	MWD
1340.00	27.00	134.70	1304.76	-137.69	135.00	191.92	1.64	0.74	3.26	MWD
1436.00	27.10	139.30	1390.26	-169.60	164.75	235.44	2.18	0.10	4.79	MWD
1532.00	25.40	144.90	1476.37	-203.03	190.85	277.85	3.13	-1.77	5.83	MWD
1627.00	25.10	149.10	1562.30	-236.99	212.92	318.14	1.91	-0.32	4.42	MWD
1722.00	26.10	148.80	1647.98	-272.16	234.09	358.80	1.06	1.05	-0.32	MWD
1816.00	26.60	146.00	1732.21	-307.29	256.57	400.26	1.42	0.53	-2.98	MWD
1911.00	24.30	142.10	1817.99	-340.36	280.48	441.01	2.99	-2.42	-4.11	MWD
2006.00	20.50	137.20	1905.82	-368.00	303.80	477.16	4.45	-4.00	-5.16	MWD
2103.00		137.20	1997.28	-390.83	326.61	509.25	2.68	-2.16	-3.10 -4.74	MWD
	18.40									
2198.00	15.10	137.50	2088.24	-410.10	346.01	536.44	3.78	-3.47	5.16	MWD
2292.00	16.90	143.20	2178.60	-430.08	362.47	562.32	2.54	1.91	6.06	MWD



Ryan Energy Technologies Survey Report



Company: **Dominion Exploration & Product**

Field:

Uintah County, Utah

Site: HCU # 13-33F Well: HCU 13-33F Wellpath: Original Hole

3/14/2007

Co-ordinate(NE) Reference:

Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:

Time: 08:07:40

Page:

Well: HCU 13-33F, True North

Est RKB 5340.0
Well (0.00N,0.00E,141.12Azi)
Minimum Curvature

Db:

Su	ırı	/ev
~	•	• • •

Survey										
MID ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100	Build t deg/100	Turn ft deg/100ft	Tool/Comment
2387.00	16.30	140.70	2269.65	-451.45	379.19	589.45	0.98	-0.63	-2.63	MWD
2483.00	12.40	131.60	2362.64	-468.73	395.44	613.10	4.68	-4.06	-9.48	MWD
2580.00	8.50	127.70	2458.02	-480.03	408.90	630.35	4.08	-4.02	-4.02	MWD
2674.00	7.00	142.50	2551.17	-488.82	417.89	642.83	2.64	-1.60	15.74	MWD
2769.00	6.10	166.00	2645.56	-498.32	422.63	653.20	2.95	-0.95	24.74	MWD
2831.00	3.80	189.60	2707.33	-503.54	423.09	657.55	4.88	-3.71	38.06	MWD
3340.00	2.50	215.00	3215.58	-529.26	413.91	671.82	0.37	-0.26	4.99	SS
4314.00	2.00	200.00	4188.83	-562.64	395.91	686.50	0.08	-0.05	-1.54	SS
5308.00	2.00	160.00	5182.27	-595.24	395.91	711.88	0.14	0.00	-4.02	SS
6304.00	1.75	157.00	6177.74	-625.57	407.80	742.96	0.03	-0.03	-0.30	SS
7296.00	2.00	141.00	7169.21	-652.96	424.61	774.83	0.06	0.03	-1.61	SS
7740.00	2.00	160.00	7612.95	-666.27	432.14	789.91	0.15	0.00	4.28	SS
8250.00	2.00	160.00	8122.64	-682.99	438.22	806.76	0.00	0.00	0.00	PROJECTED to TD



SURVEY REPORT - GEOGRAPHIC

Prepared for:

HCU 13-33F

Dominion Exploration & Production

on

Section 33, T10S, R20E

Uintah County, Utah



Ryan Energy Technologies Survey Report - Geographic



Dominion Exploration & Product Company:

Field: Uintah County, Utah Site: HCU # 13-33F

Well: **HCU 13-33F** Wellpath: **Original Hole** 3/14/2007

Co-ordinate(NE) Reference: Vertical (TVD) Reference:

Section (VS) Reference: **Survey Calculation Method:** Time: 08:05:26

Well: HCU 13-33F, True North

Est RKB 5340.0

Well (0.00N,0.00E,141.12Azi) Minimum Curvature

Db: Sybase

Uintah County, Utah Field:

Utah - Natural Buttes

USA

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level Map Zone: Coordinate System: Utah, Central Zone

Well Centre Geomagnetic Model: igrf2005

HCU # 13-33F Site:

Sec 33, T10S, R20E

Uintah Co, Utah

Site Position: Geographic From: **Position Uncertainty:**

Northing: Easting:

7137417.25 ft 2151348.52 ft Latitude: Longitude:

59.030 N 39 53 109 40 43.220 W

North Reference: **Grid Convergence:** True 1.17 deg

Well:

Ground Level:

Well Position:

Current Datum:

Magnetic Data:

Field Strength:

Vertical Section:

HCU 13-33F

+N/_S +E/-W **Position Uncertainty:**

0.00 ft Northing: 0.00 ft Easting: 0.00 ft

0.00 ft

5322.00 ft

52739 nT

7137417.25 ft 2151348.52 ft Latitude: Longitude:

Slot Name:

53 59.030 N 109 40 43.220 W

Wellpath: Original Hole

Est RKB

Depth From (TVD)

2/12/2007

Height 5340.00 ft

+N/-S

Tie-on Depth: **Above System Datum:** Declination:

Drilled From:

Surface 0.00 ft Mean Sea Level 11.68 deg

Mag Dip Angle: +E/-W

65.87 deg Direction deg

ft ft ft 0.00 0.00 0.00 141.12

Survey Program for Definitive Wellpath

Date: 3/14/2007 Validated: No

Actual From To Survey ft ft

Version: Toolcode

Tool Name

500.00 2831.00 Ryan MWD (500.00-2831.00) 3340.00 7740.00 Survey #2 (3340.00-7740.00) 8250.00 Survey #3 (8250.00-8250.00) 8250.00

MWD SS Projection MWD Single-Shot Projection

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W	Map Northing ft	Map Easting ft	C— Latitude —> Deg Min Sec		< Lor Deg Min	ngitude> n Sec
0.00	0.00	0.00	0.00	0.00	0.00	7137417.25	2151348.52	39 53	59.030 N	109 40	43.220 W
500.00	0.40	339.70	500.00	1.64	-0.61	7137418.87	2151347.89	39 53	59.046 N	109 40	43.228 W
590.00	0.20	88.30	590.00	1.94	-0.56	7137419.17	2151347.93	39 53	59.049 N	109 40	43.227 W
684.00	2.60	137.90	683.96	0.36	1.04	7137417.63	2151349.55	39 53	59.034 N	109 • 40	43.207 W
776.00	7.00	143.20	775.62	-5.68	5.80	7137411.69	2151354.43	39 53	58.974 N	109 40	43.146 W
868.00	11.50	142.50	866.40	-17.45	14.74	7137400.10	2151363.62	39 53	58.857 N	109 40	43.031 W
959.00	15.70	140.00	954.83	-34.09	28.18	7137383.74	2151377.40	39 53	58.693 N	109 40	42.858 W
1053.00	20.10	136.10	1044.26	-55.48	47.57	7137362.75	2151397.21	39 53	58.482 N	109 40	42.610 W
1149.00	24.40	133.00	1133.09	-80.90	73.52	7137337.86	2151423.68	39 53	58.230 N	109 40	42.277 W
1245.00	26.30	131.60	1219.84	-108.55	103.93	7137310.84	2151454.64	39 53	57.957 N	109 40	41.886 W
1340.00	27.00	134.70	1304.76	-137.69	135.00	7137282.33	2151486.30	39 53	57.669 N	109 40	41.488 W
1436.00	27.10	139.30	1390.26	-169.60	164.75	7137251.04	2151516.69	39 53	57.354 N	109 40	41.106 W
1532.00	25.40	144.90	1476.37	-203.03	190.85	7137218.15	2151543.47	39 53	57.023 N	109 40	40.771 W
1627.00	25.10	149.10	1562.30	-236.99	212.92	7137184.64	2151566.22	39 53	56.688 N	109 40	40.488 W
1722.00	26.10	148.80	1647.98	-272.16	234.09	7137149.91	2151588.11	39 53	56.340 N	109 40	40.216 W
1816.00	26.60	146.00	1732.21	-307.29	256.57	7137115.24	2151611.30	39 53	55.993 N	109 40	39.928 W
1911.00	24.30	142.10	1817.99	-340.36	280.48	7137082.67	2151635.87	39 53	55.666 N	109 40	39.621 W
2006.00	20.50	137.20	1905.82	-368.00	303.80	7137055.51	2151659.75	39 53	55.393 N	109 40	39.322 W
2103.00	18.40	132.60	1997.28	-390.83	326.61	7137033.15	2151683.03	39 53	55.167 N	109 40	39.029 W
2198.00	15.10	137.50	2088.24	-410.10	346.01	7137014.27	2151702.82	39 53	54.977 N	109 40	38.780 W
L											



Ryan Energy Technologies Survey Report - Geographic



Company: Dominion Exploration & Product

Field: Site: Uintah County, Utah HCU # 13-33F

Well: HCU 13-33F Wellpath: Original Hole Date: 3/14/2007

14/2007 Time: 08:0

Co-ordinate(NE) Reference: W

Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:

Time: 08:05:26 Pag Well: HCU 13-33F, True North

Est RKB 5340.0 Well (0.00N,0.00E,141.12Azi)

Minimum Curvature

Db. Sybase

C.,	
Su	ıvev

MID ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	< Lati Deg Min	itude> Sec		Long Min	itude> Sec
2292.00	16.90	143.20	2178.60	-430.08	362.47	7136994.64	2151719.68	39 53	54.779 N	109	40	38.569 V
2387.00	16.30	140.70	2269.65	-451.45	379.19	7136973.61	2151736.83	39 53	54.568 N			38.354 V
2483.00	12.40	131.60	2362.64	-468.73	395.44	7136956.67	2151753.42	39 53	54.397 N	109		38.146 V
2580.00	8.50	127.70	2458.02	-480.03	408.90	7136945.64	2151767.12	39 53	54.286 N			37.973 V
2674.00	7.00	142.50	2551.17	-488.82	417.89	7136937.04	2151776.28	39 53	54.199 N			37.858 V
2769.00	6.10	166.00	2645.56	-498.32	422.63	7136927.64	2151781.22	39 53	54.105 N	109	40	37.797 V
2831.00	3.80	189.60	2707.33	-503.54	423.09	7136922.43	2151781.78	39 53	54.053 N	109	40	37.791 V
3340.00	2.50	215.00	3215.58	-529.26	413.91	7136896.52	2151773.12	39 53	53.799 N	109		37.909 V
4314.00	2.00	200.00	4188.83	-562.64	395.91	7136862.79	2151755.81	39 53	53.469 N	109	40	38.140 V
5308.00	2.00	160.00	5182.27	-595.24	395.91	7136830.20	2151756.47	39 53	53.147 N	109	40	38.140 V
6304.00	1.75	157.00	6177.74	-625.57	407.80	7136800.11	2151768.97	39 53	52.847 N	109	40	37.987 V
7296.00	2.00	141.00	7169.21	-652.96	424.61	7136773.07	2151786.34	39 53	52.576 N			37.771 V
7740.00	2.00	160.00	7612.95	-666.27	432.14	7136759.92	2151794.14	39 53	52.445 N			37.675 V
8250.00	2.00	160.00	8122.64	-682.99	438.22	7136743.32	2151800.56	39 53	52.280 N			37.597 V

Division of Oil, Gas and Mining **OPERATOR CHANGE WORKSHEET**

ROUTING							
1. DJJ							
2. CDW							

X - Change of Operator (Well Sold)	Operat	tor Name	Change/Merg	er						
The operator of the well(s) listed below has char	iged, effectiv	re:	7/1/2007							
FROM: (Old Operator):			TO: (New O	perator):						
N1095-Dominion Exploration & Production, Inc			N2615-XTO E							
14000 Quail Springs Parkway, Suite 600			810 Houston St							
Oklahoma City, OK 73134			Fort Worth, TX 76102							
,				,						
Phone: 1 (405) 749-1300			Phone: 1 (817) 870-2800							
CA No.			Unit:		HILL CE					
WELL NAME	SEC TWN	RNG	API NO	ENTITY	LEASE TYPE		WELL			
ODD A THE A CANDON A YOUT		1		NO		TYPE	STATUS			
SEE ATTACHED LIST	<u> </u>				L					
OPED ATOD CHANCES DOCUMENT	ATION									
OPERATOR CHANGES DOCUMENT	ATION									
Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation w	aa maaairrad f	hom the	EODMED one	rotor on	8/6/2007					
, , , , , , , , , , , , , , , , , , , ,			-							
2. (R649-8-10) Sundry or legal documentation w			•		8/6/2007					
3. The new company was checked on the Depart		nmerce		_			8/6/2007			
4a. Is the new operator registered in the State of V			Business Numb	er:	5655506-0143					
4b. If NO , the operator was contacted contacted										
5a. (R649-9-2)Waste Management Plan has been re	eceived on:		IN PLACE	_						
5b. Inspections of LA PA state/fee well sites comp	lete on:		n/a							
5c. Reports current for Production/Disposition & S	Sundries on:		ok	-						
6. Federal and Indian Lease Wells: The Bl	LM and or th	e BIA l	nas approved the	- e merger, na	me change,					
or operator change for all wells listed on Feder			= =	BLM	3 /	BIA				
7. Federal and Indian Units:					•		-			
The BLM or BIA has approved the successo	r of unit one	rator fo	r wells listed on:							
8. Federal and Indian Communization Ag						•				
The BLM or BIA has approved the operator	•	•	•							
9. Underground Injection Control ("UIC"				oved UIC F	orm 5, Transfer	of Autho	ority to			
Inject, for the enhanced/secondary recovery u	•						•			
DATA ENTRY:	FJ			(-)			-			
1. Changes entered in the Oil and Gas Database	on:		9/27/2007							
2. Changes have been entered on the Monthly O		ange Sn		-	9/27/2007					
3. Bond information entered in RBDMS on:	.		9/27/2007			•				
4. Fee/State wells attached to bond in RBDMS of	n:		9/27/2007	-						
5. Injection Projects to new operator in RBDMS	on:		9/27/2007	-						
6. Receipt of Acceptance of Drilling Procedures	for APD/Nev	w on:		9/27/2007	_					
BOND VERIFICATION:										
1. Federal well(s) covered by Bond Number:			UTB000138	_						
2. Indian well(s) covered by Bond Number:	2. Indian well(s) covered by Bond Number:									
3a. (R649-3-1) The NEW operator of any state/fe	umber	104312762	_							
3b. The FORMER operator has requested a release	se of liability	from t	heir bond on:	1/23/2008						
The Division sent response by letter on:										
LEASE INTEREST OWNER NOTIFIC	CATION:									
4. (R649-2-10) The NEW operator of the fee well				y a letter fro	om the Division					
of their responsibility to notify all interest owner	ers of this ch	ange on	:				·			
COMMENTS:										

STATE OF UTAHDEPARTMENT OF NATURAL RESOURCES

	DIVISION OF OIL, GAS AND MI		5. LEASE DESIGNATION AND SERIAL NUMBER:				
SUNDRY	Y NOTICES AND REPORTS	S ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for proposals to drill r	new wells, significantly deepen existing wells below cur aterals. Use APPLICATION FOR PERMIT TO DRILL f	rrent bottom-hole dep	th, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:			
TYPE OF WELL OIL WELL		on to ocon propose		8. WELL NAME and NUMBER:			
	GAS WELL W OTHER			SEE ATTACHED			
2. NAME OF OPERATOR:	N2615			9. API NUMBER:			
XTO Energy Inc. 3. ADDRESS OF OPERATOR: 810 H	Ouston Street		PHONE NUMBER:	SEE ATTACHED 10. FIELD AND POOL, OR WILDCAT:			
	Y Fort Worth STATE TX ZIP	76102	(817) 870-2800	Natural Buttes			
4. LOCATION OF WELL				•			
FOOTAGES AT SURFACE: SEE A	ATTACHED			соимту: Uintah			
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN:			STATE: UTAH			
11. CHECK APPI	ROPRIATE BOXES TO INDICAT	TE NATURE	OF NOTICE, REP	ORT, OR OTHER DATA			
TYPE OF SUBMISSION		T	YPE OF ACTION				
NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION			
(Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL			
Approximate date work will start:	CASING REPAIR	NEW CONS	TRUCTION	TEMPORARILY ABANDON			
	CHANGE TO PREVIOUS PLANS	✓ OPERATOR	CHANGE	TUBING REPAIR			
	CHANGE TUBING	PLUG AND	ABANDON	VENT OR FLARE			
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACH	(WATER DISPOSAL			
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION	ON (START/RESUME)	WATER SHUT-OFF			
Date of work completion:	COMMINGLE PRODUCING FORMATIONS		ION OF WELL SITE	OTHER:			
	CONVERT WELL TYPE		TE - DIFFERENT FORMATIO				
12 DECORPE PROPOSED OF O	<u></u>						
	OMPLETED OPERATIONS. Clearly show all p						
Effective July 1, 2007,	XTO Energy Inc. has purchased	the wells liste	ed on the attachme	ent from:			
Dominion Exploration 8 14000 Quail Springs P Oklahoma City, OK 73	arkway, Suite 600	5					
Sr. Vice President, Ge Please be advised tha under the terms and co	t XTO Energy Inc. is considered to conditions of the lease for the operation BLM Bond #104312750 and	ss Unit to be the ope rations condu	cted upon the leas	se lands. Bond coverage			
NAME (PLEASE PRINT) Edwin S.	Ryan, Jr.	тіті	E Sr. Vice Presid	ent - Land Administration			
SIGNATURE EUL	I type Il	DAT	E <u>7/31/2007</u>				
(This space for State use only)	D 9 127107			RECEIVED			
APPROVE				AUG 0 6 2007			

(5/2000)

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304731522	FEDERAL 1-29	SWNW	29	-		U-28203	·	Federal		
4304731601	HILLCREEK FED 1-30	NWSW	30		 	U-30693		Federal		1
4304731675	HILL CREEK FED 1-27	SENW	27		1	U-29784		Federal		
4304733671	HCU 1-28F	NENE	28			14-20-H62-4783			GW	.
4304733672	HCU 1-29F	NENE	29			U-28203		Federal	GW	
4304733673	HCU 2-30F	NWNE	30			UTU-29784		Federal	ļ	P
4304733688	HCU 3-28F	NENW	28			U-28203		Federal		
4304733689	HCU 3-29F	NENW	29			U-28203		Federal		
4304733713	HCU 3-30F	NWNW	30			UTU-30693		Federal		
4304733835	HCU 5-30F	SWNW	30			U-30693		Federal	1	P
4304733836	HCU 6-30F	SENW	30			U-30693		Federal		
4304733964	HCU 8-30F	SENE	30			UTU-29784		Federal		P
4304733965	HCU 11-30F	NESW	30			U-30693		Federal		
4304733966	HCU 13-30F	SWSW	30			U-30693		Federal	1	
4304734045	HCU 5-28F	SWNW	28			U-28203		Federal		P
4304734046	HCU 7-29F	SWNE	29			U-28203		Federal		P
4304734223	HCU 9-29F	NESE	29			U-28203		Federal		
4304734298	HCU 3-31F		31			UTU-30693		Federal	 	P
4304734299	HCU 5-31F	SWNW	31			UTU-30693		Federal		
4304734299	HCU 7-31F	SENW	31			UTU-30693		Federal	GW	
4304734316	HCU 2-27F	NWNE	27		-	UTU-79130		Federal		P
4304734310	HCU 8-27F	SENE	27		_	UTU-79130		Federal		P
4304734351	HCU 11-31F	NWSW	31			UTU-30693		Federal		
4304734352	HCU 13-31F	SWSW	31			UTU-30693		Federal		P
4304734853	HCU 1-33F	NENE	33			14-20-H62-4782			GW	
4304734854	HCU 3-34F	NENW	34			U-28203		Federal	GW	
4304734913	HCU 1-27F	NENE	27			U-79130		Federal		P
4304734914	HCU 3-27F	NENW	27			U-79130		Federal		
4304734915	HCU 7-27F	SWNE	27			U-79130		Federal		S
4304734916	HCU 10-27F	NWSE	27			U-79130		Federal		
4304734917	HCU 14-30F	SWSW	30			U-30693		Federal		
4304734918	HCU 15-30F	SWSE	30			U-29784		Federal		
4304734919	HCU 2-31F	NWNE	31		<u> </u>	U-30693		Federal		
4304734920	HCU 6-31F	SWNW			_	U-30693		Federal		
4304734921	HCU 4-31F	NWNW	31			U-30693		Federal		+
4304735130	HCU 11-27F	NESW	27			U-29784		Federal		
4304735131	HCU 2-29F	NWNE	29		1	U-28203		Federal		
4304735131	HCU 9-30F	NESE	30			U-29784		Federal		
4304735133	HCU 10-30F	NWSE	30		+	U-29784		Federal		
4304735134	HCU 1-31F	NENE	31			U-36903		Federal		P
4304735135	HCU 12-31F	NWSW	31			U-30693		Federal		P
4304735137	HCU 2-33F	NENE	33	_	1	U-28203		Federal		ļ
4304735137	HCU 5-34F	NENW	34			U-28203		Federal		
4304735154	HCU 13-27F	NESW	27			U-29784		Federal		
4304735230	HCU 8-33F	SENE	33	<u> </u>		14-20-H62-4782			GW	
4304735307	HCU 6-29F	SENW	29		_	U-28203		Federal	_	+
4304735470	HCU 0-29F	NESW	29			U-28203		Federal	_	+
	HCU 11-29F HCU 10-29F	NWSE	29			U-28203		Federal		
4304735471	ПСО 10-29Г	IN M DE	127	LIUUS	ZUUL	10-20203	114049	1 cucial	UV	1

1 09/27/2007

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well name	atr atr	ggg	turn	ma	loggo num	entity	Longo	well	atat
4304735507	HCU 12-29FA	qtr_qtr NESW	sec 29	twp	rng	lease_num U-28203		Federal	-	DRL
4304735724	HCU 16-27F	SESE	27			U-79130		Federal		P
4304735725	HCU 9-27F	NESE	27			U-79130		Federal		
4304735726	HCU 15-27F	SWSE	27		-	U-79130		Federal		P
4304735727	HCU 9-34F	NESE	34			U-79130		Federal		
4304735727	HCU 7-34F	SWNE	34	·		U-79130		Federal		P
4304735728	HCU 7-34F HCU 9-33F	NESE	33			U-28203		Federal		
4304735832	HCU 16-33F	SESE	33			U-28203		Federal		
4304735835	HCU 10-33F	NESW		_		U-28203		Federal		
4304735836	HCU 12-34F	NWSW	34			U-28203		Federal		
4304735837	HCU 12-34F HCU 13-34F	SWSW	34			U-28203		Federal	1	
4304735838	HCU 15-34F	SWSE	34	-				Federal		
4304735875	HCU 13-34F HCU 14-34F		34			U-79130 U-79130				
4304735934	HCU 14-34F HCU 8-31F	SWSE SENE		 				Federal		
			31			U-30693		Federal		P
4304735935	HCU 10-31F	NWSE	31			U-30693		Federal		_
4304735936	HCU 9-31F	NWSE	31			U-30693		Federal		
4304735939	HCU 16-28F	SESE	28			U-28203		Federal		
4304735940	HCU 6-34F	SENW	34	ļ		U-28203		Federal		
4304735996	HCU 16-34F	SESE	34			U-79130		Federal		P
4304736046	HCU 14-31F	SWSW	31			U-30693		Federal		P
4304736251	HCU 16-30F	NESE	30			U-29784		Federal		
4304736319	HCU 10-28F	NWSE	28			U-28203		Federal	-	1
4304736320	HCU 13-28F	SWSW	28			U-28203		Federal	1	1
4304736321	HCU 14-28F	SESW	28			U-28203		Federal	4	
4304736437	HCU 5-27F	SWNW	27			U-29784		Federal		DRL
4304736438	HCU 4-27F	SWNW	27			U-29784		Federal	1	DRL
4304736439	HCU 11-28F	NESW	28			U-28203		Federal		P
4304736440	HCU 5-30F2	SWNW	30			U-30693		Federal	 	DRL
4304736601	HCU 5-33F	SWNW	33			U-28203		Federal		P
4304736602	HCU 12-33F	NWSW	33			U-28203		Federal		
4304736603	HCU 6-28F	SENW	28	ļ		U-28203		Federal		P
4304736604	HCU 12-28F	NWSW	28			U-28203		Federal Federal		
4304736685	HCU 13-33F	SWSW NESE	33	-		U-28203 14-20-H62-4781			GW	
4304736846 4304736847	HCU 9-28F HCU 8-28F	SENE	28 28			14-20-H62-4781 14-20-H62-4783			GW	
4304736848	HCU 7-28F	SWNE	28			U-28203		Federal		
4304736849	HCU 7-28F HCU 1-34F	NENE	34		-	U-79130		Federal		
4304736852	HCU 14-27F	NESW				U-29784		Federal		+
4304736853	HCU 14-27F HCU 16-29F	SESE	27			U-28203		Federal		
~**·	HCU 10-29F HCU 4-33F	NWNW	29 33		+	U-28203		Federal	1	
4304737060		SENW	_			U-28203		Federal		
4304737202	HCU 6-33F	NWNE	33			U-28203 U-28203		Federal		
4304737203	HCU 3-33F			<u> </u>				ļ		
4304737204	HCU 15-28F	NWNE	33	1	+	14-20-H62-4781		Indian	OW	_
4304737284	HCU 7-30F	SENE	30			U-29784		Federal		DRL
4304737340	HCU 5-29F	SWNW	29			U-28203		Federal		
4304737360	HCU 11-33F	NWSW	33			U-28203		Federal	+	
4304737424	HCU 12-27F	NESW	27			U-29784		Federal		
4304737425	HCU 14-29F	SWSW	29	100S	_200E	U-28203	12829	Federal	JGW	P

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N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

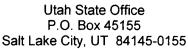
api	well name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304737426	HCU 13-29F	SWSW	29			U-28203		Federal		P
4304737427	HCU 8-29F	NESE	29			U-28203	12829	Federal	GW	P
4304737445	HCU 8-34F	SENE	34	100S	200E	U-79130	12829	Federal	OW	S
4304737446	HCU 2-34F	NWNE	34	100S	200E	U-79130	12829	Federal	OW	DRL
4304737447	HCU 7-33F	SENE	33	100S	200E	U-28203	12829	Federal	OW	DRL
4304737570	HCU 10-33F	NWSE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304737749	HCU 4-28F	NENW	28	100S	200E	U-28203	99999	Federal	GW	DRL
4304737750	HCU 14-33F	SWSE	33	100S	200E	U-028203	12829	Federal	GW	DRL
4304731560	HILL CREEK ST 1-32	SENW	32	100S	200E	ML-22313	12829	State	GW	P
4304734852	HCU 4-32F	NWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735136	HCU 5-32F	SWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735870	HCU 13-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735871	HCU 12-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735872	HCU 14-32F	SESW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735873	HCU 3-32F	NENW	32	100S	200E	ML-22313-2	12829	State	GW	DRL
4304735874	HCU 11-32F	SENW	32	100S	200E	ML-22313-2	12829	State	D	PA
4304736322	HCU 16-32F	SESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736323	HCU 9-32F	NESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736324	HCU 8-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736441	HCU 1-32F2	NENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736684	HCU 7-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P

3 09/27/2007



United States Department of the Interior

BUREAU OF LAND MANAGEMENT





IN REPLY REFER TO 3180 UT-922

Dominion Exploration & Production, Inc. Attn: James D. Abercrombie 14000 Quail Springs Parkway, #600 Oklahoma City, OK 73134-2600

August 10, 2007

Re:

Hill Creek Unit Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Hill Creek Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Hill Creek Unit Agreement.

Your statewide oil and gas Bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble Acting Chief, Branch of Fluid Minerals

Enclosure

AUG 1 6 2007

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES			FORM 9			
	5.LEASE DESIGNATION AND SERIAL NUMBER: U-28203					
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: HILL CREEK					
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: HCU 13-33F					
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047366850000					
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8	NE NUMBER:	9. FIELD and POOL or WILDCAT: NATURAL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1214 FSL 0356 FWL	COUNTY: UINTAH					
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSW Section: 33	STATE: UTAH					
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
✓ SUBSEQUENT REPORT	☐ CHANGE WELL STATUS ☐ DEEPEN	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
Date of Work Completion: 9/17/2010	DEEPEN OPERATOR CHANGE	☐ FRACTURE TREAT ☐ PLUG AND ABANDON	☐ NEW CONSTRUCTION ☐ PLUG BACK			
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
	☐ TUBING REPAIR	□ VENT OR FLARE	☐ WATER DISPOSAL			
DRILLING REPORT Report Date:	□ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION			
Nepon Pare	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: CLEAN OUT			
12 DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all per	tinent details including dates, denths, v	,			
	cleaned out & performed acid		•			
	the attached summary rep		Accepted by the			
			Jtah Division of			
			, Gas and Mining			
		FUR	R RECORD ONLY			
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE				
Barbara Nicol	505 333-3642	Regulatory Compliance Tech				
SIGNATURE N/A		DATE 10/1/2010				

Hill Creek Unit 13-33F

9/8/2010: MIRU 4CWS #5. Bd well. ND WH. NU BOP. PU & TIH w/9 jts 2-3/8" tbg. Tgd 26' of fill @ 8,159' (BRS @ 8,185'). TOH & LD 9 jts tbg. Contd to TOH w/ prod tbg strg as follows: 252 jts 2-3/8", N-80, 4.7#, EUE 8rd tbg, 2-3/8" SN & BRs (top sec). Plngr recd by pmpr. Recd BHBS in SN covered in 2' of fn solids. Found med sc BU on ext of tbg fr/6,252'- 6,376' & hvy sc BU fr/7,685'- 7,715'. Smpl sent in for anal. TIH w/4-3/4" bit, 5-1/2" csg scr & 132 jts 2-3/8" tbg. EOT @ 4134'. SWI & SDFN.

9/9/2010: Bd well. Contd to TIH w/4-3/4" bit, 5-1/2' csg scr & 2-3/8" tbg. Tgd fill @ 8,159'. MIRU pwr swivel & AFU. Attd to estb circion w/AFU. SD for 2 hrs to rep AFU. Estb circion. CO 6' of fill to 8,166'. DO @ 8,166' for 1 hr w/no add hole made (poss BRS). Circ cln for 2 hrs & KW w/20 bbls 2% KCl wtr. RDMO AFU & pwr swivel. TOH w/173 jts tbg. EOT @ 2763'. SWI & SDFN.

9/10/2010: Bd well. TOH w/88 jts 2-3/8" tbg. LD bit & csg scr. TIH w/5-1/2" RBP, 5-1/2" pkr & 261 jts tbg. KW w/10 BW as per TIH. Set RBP @ 8,150' & pkr @ 8,125'. PT tbg & tls to 3000 psig w/25 BW, 5", gd tst. Rlsd pkr & TOH w/9 its tbg. SWI & SDFWE.

9/13/2010: Bd well. Set pkr @ 7,833' . MIRU Frac-Tech. PT surf equip to 5000 psig. Proceed w/5 stage A. trtmnt as follows: Stg #1. Isol MV perfs fr/7,876' - 8,083'. Trtd perfs w/724 gals 15% HCL ac w/adds mutual solv, iron seq & corr inhib. Flshd w/33 bbls trtd wtr. Max trtg press 2,890 psig @ 3.9 BPM. ISIP 1730 psig. 5" SIP 0 psig. Stg #2. Isol MV perfs fr/7,774' - 7,800'. Trtd perfs w/374 gals 15% HCL ac w/adds mutual solv, iron seq & corr inhib. Flshd w/33 bbls trtd wtr. Max trtg press 3,392 psig @ 1.7 BPM. ISIP 3,096 psig. 5" SIP 0 psig. Stg #3. Isol MV perfs fr/7,681' - 7,706'. Trtd perfs w/467 gals 15% HCL ac w/adds mutual solv, iron seq & corr inhib. Flshd w/33 bbls trtd wtr. Max trtg press 3,414 psig @ 2.3 BPM. ISIP 2,367 psig. 5" SIP 0 psig. #4. Isol MV perfs fr/7,589' - 7,621'. Trtd perfs w/537 gals 15% HCL ac w/adds mutual solv, iron seq & corr inhib. Flshd w/32 bbls trtd wtr. Max trtg press 3,200 psig @ 3.4 BPM. ISIP 2,299 psig. 5" SIP 0 psig. #5. Isol WA perfs fr/6,159' - 6,199'. Trtd perfs w/397 gals 15% HCL ac w/adds mutual solv, iron seq & corr inhib. Flshd w/27 bbls trtd wtr. Max trtg press 1,524 psig @ 5 BPM. ISIP 0 psig. 5" SIP 0 psig. RDMO Frac-Tech. RIsd tls. TOH w/tbg. LD RBP & pkr. TIH w/prod tbg strg & Ld on hgr as follows: 256 jts 2-3/8", N-80, 4.7#, EUE 8rd tbg, 2-3/8" SN & mule shoe col. SN @ 8,006', EOT @ 8,007', WA/MV perfs fr/6,159'- 8,083', fill 8,166' & PBTD @ 8,275'. SWI & SDFN.

9/14/2010: Bd well. MIRU B&C tstrs. PT BOP & TIW vlvs to 5000 psig, gd tst. RDMO tstrs. RU swb tls. RIH w/XTO's 1.90" tbg broach to SN, no ti spts. POH & LD broach. ND BOP. NU WH. RU & RIH w/ swb tls. BFL @ 5,700' FS. S. 0 BO, 40 BLW, fld smpls of gray wtr w/lt sedament, 12 runs, 4.5 hrs. PH @ 1. FFL @ 5,700' FS. RD swb tls. Lt blow on tbg. SICP 210 psig. SWIFBU & SDFN.

9/15/2010: Bd tbg /no fld recy. RU & RIH w/swb tls. BFL @ 5,500' FS. S. 0 BO, 53 BLW, fld smpls of gray wtr w/fn sedament, 10 runs, 4 hrs. PH @ 6. FFL @ 5,500' FS. KO well flwg. RD swb tls. F. 0 BO, 3 BLW, 1 hr. FTP 30 psig on 1" ck. SICP 425 psig. Drpd BHBS w/SV & SWI for 30". Drpd plngr. Well did not cycle due to line press. Turn well over to prod. RDMO 4CWS #5.

9/16/2010: MIRU Tech Swabbing SWU. Bd Tbg. RU & RIH w/swb tls. SN @ 8,006'. BFL @ 6,000' FS. S. 0 BO, 30 BW, 9 runs, 11 hrs. FFL @ 6,800' FS. FTP 0 psig. SICP 600 psig. SDFN Tech Swabbing SWU.

9/17/2010: MIRU Tech Swabbing SWU. Bd Tbg. RU & RIH w/swb tls. SN @ 8,006'. BFL @ 6,000' FS. S. 0 BO, 33 BW, 10 runs, 13 hrs. FFL @ 6,000' FS. FTP 0 psig. SICP 450 psig. SDFN Tech Swabbing SWU.

Sundry Number: 72811 API Well Number: 43047366850000

	FORM 9				
	5.LEASE DESIGNATION AND SERIAL NUMBER: U-28203				
SUNDR	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	oposals to drill new wells, significantly de reenter plugged wells, or to drill horizont n for such proposals.		7.UNIT or CA AGREEMENT NAME: HILL CREEK		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: HCU 13-33F		
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047366850000		
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood,		PHONE NUMBER: 27 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1214 FSL 0356 FWL	COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: SWSW Section:	STATE: UTAH				
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION				
	✓ ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
7,pproximate date not it in otal it	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
6/16/2016	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
		7	WATER DISPOSAL		
DRILLING REPORT	L TUBING REPAIR L	│ VENT OR FLARE			
Report Date:	│	SI TA STATUS EXTENSION	APD EXTENSION		
	WILDCAT WELL DETERMINATION	OTHER	OTHER:		
XTO Energy Inc. following: 06/09/16: SWI for acid job. RI gals 15% HCL w/ac gals 15% HCL w/ac truck. 06/14/16: MI	COMPLETED OPERATIONS. Clearly show all performed an Acid Treatment MIRU SLU. Recd bar stk plngr DMO SLU. 06/13/16: MIRU Pudditives & 30 bbls TFW flush diditives & 31 bbls TFW flush diditives & 31 bbls TFW flush directly SWU. RIH w/swb tls. 06/v/swb tls. Cycld plngr to surf t	on this well per the c. Recd PCS BHBS/SV. mp truck. Pumped 500 own csg. Pumped 250 own tbg. RDMO pump 15/16: RIH w/swb tls.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 05, 2016		
NAME (PLEASE PRINT) Rhonda Smith	PHONE NUMBER 505 333-3215	R TITLE Regulatory Clerk			
SIGNATURE	2.2.2.2.0	DATE			
l N/A		7/5/2016			